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VICK'S LATE  
BRANCHING  
ROSE PINK  
ASTER

1917

VICK'S  
LAVENDER PINK  
ROCHESTER  
ASTER



VICK'S  
VIOLET KING  
ASTER

**VICK'S**  
Garden and Floral  
**GUIDE**

**JAMES VICK'S SONS,**  
ROCHESTER, N. Y.  
THE FLOWER CITY





A FEW CHOICE  
HOME-GARDEN VEGETABLES

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VICK'S HOME-GARDEN  
COLLECTION

7 Packets (1 each of above) 50 Cents



# America's Oldest Mail Order Seed House Sends Greetings

to its friends, not only throughout America, but to every civilized corner of the globe. It is our hope that 1917 may be to every reader of these pages the happiest and most prosperous of all the years so far.

The rapidly increasing demand for our flower and vegetable seeds has made necessary during the year the purchase of several more seed farms and a larger equipment for drying and cleaning seeds. To supply the increasing sales of plants and bulbs, we have had to build new greenhouses, increasing our greenhouse space more than 50% and yet, although we operate more seed farms than any other Eastern concern, present prospects indicate that our farms and greenhouses will be crowded to the limit to supply our sales. For the confidence of our friends and customers, which makes all of this growth possible, we are deeply grateful. To maintain this confidence we shall, as in the past, make every effort to send out better and better types and varieties than have heretofore been known. We are proud of our part in the development and sale of many very popular varieties. To the task of developing more ideal types we shall devote our best efforts.

Concerning this year's crop, we have too little space here to say what we would like, and so we shall let each page tell its own interesting story. We are certain we never offered a larger number of worth-while varieties than you will find on every page of this book. We have made every effort to get stocks which will give the utmost satisfaction. "Vick Quality, the Best the Earth Produces," is an ideal we always keep in mind. It is hardly necessary to repeat again after 68 years in the Seed Business that we do not knowingly sell any article which is not likely to give entire satisfaction. Occasionally, however, someone thoughtlessly asks a seedsman to guarantee the results of his seeds. Such a course would be impossible based on the margin of profit on which seeds are sold, and no honest seedsman would make such a deceptive offer. Between the gathering of our seeds and the harvesting of the crops grown from them, there are many conditions not within our control. Therefore, we cannot offer any guarantee as to the description, quality or productiveness of seeds, plants or bulbs or for the crops grown from them. We guarantee the safe arrival of articles ordered in apparent good condition at your Post Office or Express Station. Further than that, we cannot be responsible. If any article arrives in poor condition, it may be returned to us at once and we will immediately refill the order, or, if unable to furnish the article at that time, we will enter it for later shipment or refund the money as our customer may desire. We exercise great care in filling every order, whether large or small, so that there may be no more inconvenience in ordering from us than if you lived next door.

## General Directions to Customers

### CONVENIENCE IN ORDERING

Remember, at the prices named in this catalogue we send Seeds, Bulbs and Plants to any part of the United States, postage or express prepaid, unless otherwise stated. No inconvenience or delay. Simply fill out our order blank carefully, giving full post-office address and the name of the nearest express station, and enclose your remittance. Your order will be filled promptly and with the best quality stock. We guarantee its safe arrival at your express or post-office address. Therefore, no matter where you live, it is just as easy and safe to order of us as if you lived next door.

### SAFETY IN SENDING MONEY

Money may be sent at our Risk and Expense if forwarded according to any of the following methods:

1. **Post-Office Money Order**, which is the most popular way. 2. **Express Money Order**. 3. **Bank Draft**. 4. **Certified Check**. 5. **Registered Letter**.

While we assume responsibility for the above forms of remittances only, it is becoming safer each year to enclose currency, *if carefully wrapped*. Personal checks are a great convenience, but checks not certified sometimes cause delay until their worth can be established.

As to our responsibility, ask any banker or business man who has access to Dun's or Bradstreet's commercial

reports. It is just as easy and safe to order of us as if you lived next door.

### REMEMBER

1. If you have occasion to refer to a previous order, placed with us, be sure to mention the post-office to which the goods were shipped, the post-office from which the order was mailed, and give the same name as in the first order.

2. On account of risk from cold weather, orders for plants will be held about until April 1st. In case they are wanted at an earlier date, mention that fact and they will be shipped accordingly, in which case, however, we do not assume responsibility for damage from cold weather.

3. Unless otherwise instructed, we will ship the best and cheapest way, whether by mail or express. Therefore, you should mention both your post-office address and your express station.

4. We do not pay export duties. **No Plants or Bulbs sent C. O. D.**

5. Customers ordering seeds by express or freight should promptly advise us in the case of delay or overcharges on shipments or other similar matters. Very frequently we are able to adjust matters entirely satisfactory to all concerned. Our services are always at your command.

## SPECIAL ARRANGEMENTS WITH THE WESTERN UNION TELEGRAPH PERFECT OUR QUICK DELIVERY SYSTEM

Although we always recommend that orders be sent sufficiently early to allow plenty of time for arrival of the seeds before they are needed, we realize that such a course is not always possible. By special arrangements with the Western Union Telegraph Co., which has a branch office in our building, our customers are now, for the first time, able to send orders and remittances in the same telegram at a very reasonable cost. Getting your order filled hereafter will be just a matter of minutes. Simply send us a

prepaid Money Order Telegram: It will be delivered at our office with no delay for messenger service, and in short time the goods will be at the Post Office or Express Station on their way to you. As we are centrally located near the Post Office and Express Stations, this new Telegraph-Order-Remittance system makes our quick delivery service absolutely perfect. See the enclosed statement from the Western Union for further particulars.



# A FEW VIEWS ON VICK'S SEED FARMS

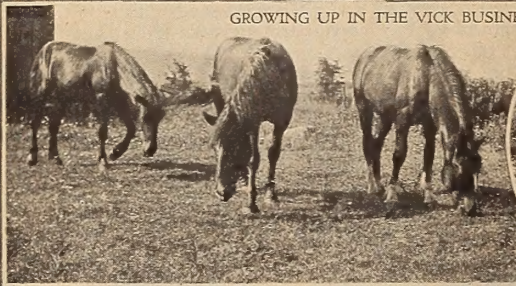
A FIELD OF SHIRLEY POPPY



"THE END OF A PERFECT DAY"



GROWING UP IN THE VICK BUSINESS



ELEVEN ACRES OF ANNUAL PHLOX



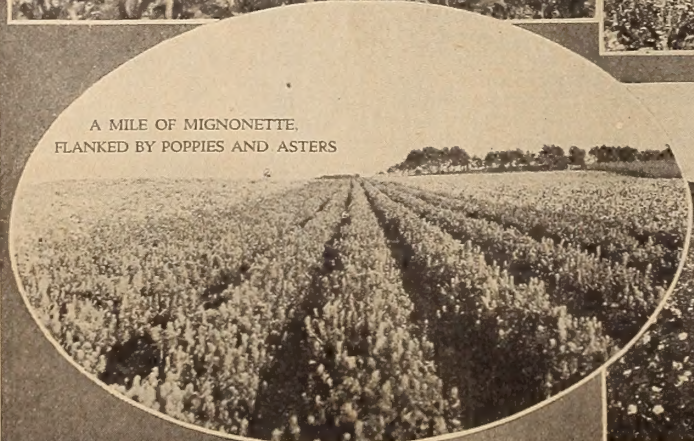
VICK'S GOLDEN NUGGET SWEET CORN



CALENDULAS, A MASS OF ORANGE AND GOLD FROM JULY TO NOVEMBER



A MILE OF MIGNONETTE, FLANKED BY POPPIES AND ASTERS



FOUR O'CLOCK, WITH ASTERS IN THE DISTANCE





# Two Magnificent New Salvias

Elizabeth  
Dunbar



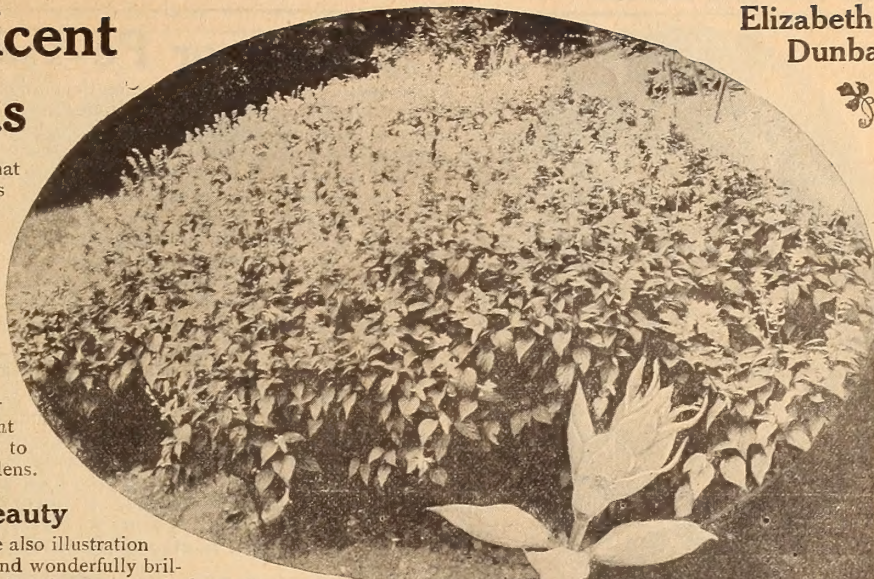
Here are two absolutely new Salvias that we are proud to introduce to our friends and patrons. Elizabeth Dunbar is an entirely new color in Salvias and is the first White Salvia ever offered for sale. Vick's Scarlet Beauty is a great improvement over other red Salvias, both in color and size of flower, and habit of growth of the plant. A planting of these two colors in a bed will produce an absolutely new effect of wonderful beauty. Order your plants early this spring. We want all our friends to be among the first to have these new flowers in their gardens.

## Vick's Scarlet Beauty

**Vick's Scarlet Beauty. (New)** See also illustration on page 108. The mammoth size and wonderfully brilliant scarlet color of this new Salvia is going to make it the most popular scarlet variety ever grown. The flowers are very large and compact, often measuring four inches in diameter, and are held erect above the dark green foliage on strong, sturdy stems. The plant of this wonderful new Salvia is of sturdy, strong and compact growth. Foliage is large, dark green and very abundant. Grows about two and one-half feet high. Each, 20 cents; doz. \$2.00

## Elizabeth Dunbar

**Elizabeth Dunbar. The New White Salvia.** Elizabeth Dunbar appeared as a chance seedling in the Rochester Parks in 1910. The corolla is pure white and the calyx cream white. The flower spikes are from six to eight inches long. Plants grow about two and one half feet tall. Flowers freely and blossoms abundantly throughout the summer. (See also, description on page 108.) Each, 20 cents; dozen \$2.00



## Vick's Scarlet Beauty

Whose compact habit of growth and large flowers will make it deservedly popular

If you want two new varieties never before offered for sale, get "Elizabeth Dunbar" and "Vick's Scarlet Beauty" Salvia



## Chinese or Pe-Tsai Cabbage

This is often called Celery Cabbage on the market, and when well grown resembles Cos Lettuce. It grows very rapidly and matures heads in less time than other varieties. The leaves, when young, are crimped and of a light green color. The plant, as it becomes older, grows more upright and forms heads much like Cos Lettuce. The inner leaves blanch an attractive light yellow or creamy white with very white mid-ribs. It is of distinctive flavor, very mild and pleasant. It can be served as a salad, like Lettuce, or cooked like other Cabbage.

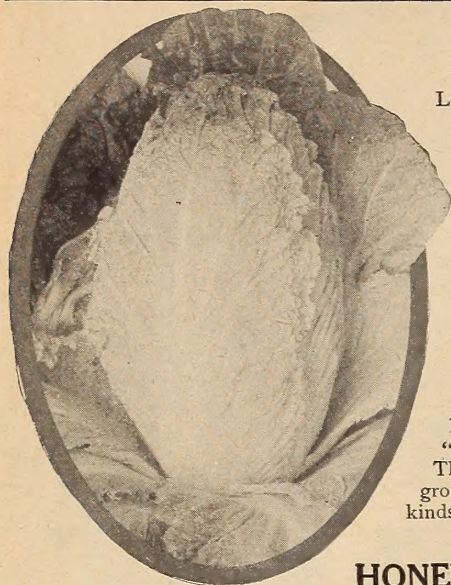
Chinese Cabbage should be sown in this latitude at the same time as turnips, after the first of July. Early plantings run quickly to seed in hot weather. Sow in drills 14 to 20 inches apart, and thin the seedlings two or three times; or, if grown for the market, start in boxes and transplant like late Cabbage.

Packet, 10 cents;  $\frac{1}{2}$  ounce, 25 cents;  $\frac{1}{4}$  pound, \$1.25; pound, \$4.00.

## LAXTON SUPERB PEAS

A new extra early Pea grown by the introducer of "Gradus," "Thomas Laxton," and "Laxtonian." A very early, semi-wrinkled dwarf Pea, about two to two and a half feet high, carrying an immense crop of extra large pods almost double the size of "Gradus," containing from nine to ten peas each. The habit is branching and robust. The peas are exceptionally hardy and may be sown very early, as they do not rot in the ground like the fully wrinkled varieties. It is considered the finest of the Early Dwarf kinds.

Packet, 10 cts.;  $\frac{1}{2}$  pint, 30 cts.; 1 pint, 50 cts., prepaid.  
1 quart, 75 cts.; 4 quarts, \$2.50, not prepaid.



## HONEY DEW MELON

A new winter melon just introduced. Begins to ripen in July and continues bearing and ripening all summer and fall or until frost comes. The melons picked late in the season can be stored in a cool house or cellar and will ripen slowly, so that they can be marketed from time to time until late in January or early February. The rind is thin but very tough. Of a greenish yellow color and without netting. The deep, aromatic flesh is emerald green in color, with a flavor that is honey sweet.

Packet, 15 cents;  $\frac{1}{2}$  ounce 40; ounce, 75 cents.

## JAPANESE RADISH

A Japanese variety of great size, some specimens weighing as much as 12 to 15 pounds. Oval in shape, with light cream colored skin and pure white inside. Very popular in Japan. While it is called a Radish, it is not eaten raw as we do our Radishes, but cooked like a Turnip; the taste being very mild and pleasant. Well worth a trial. Those liking the Turnip will relish this vegetable. Seed must be sown in May.

Pkt., 10 cts.; oz., 15 cts.;  $\frac{1}{4}$  lb., 35 cts.; lb, \$1.25.

## IRONDEQUOIT MELON

We have grown the Irondequoit Melon so long it cannot be classed as a "Novelty," but is far from being a back number as it is annually growing in popularity. There is a reason. We are constantly improving it by selection, until, in the opinion of those who grow it, "It is the best Melon in the world." The photographs and letters from John H. Dunlop gives his opinion of Irondequoit. Pkt., 10 cents; oz., 40 cents.

See description on page 27

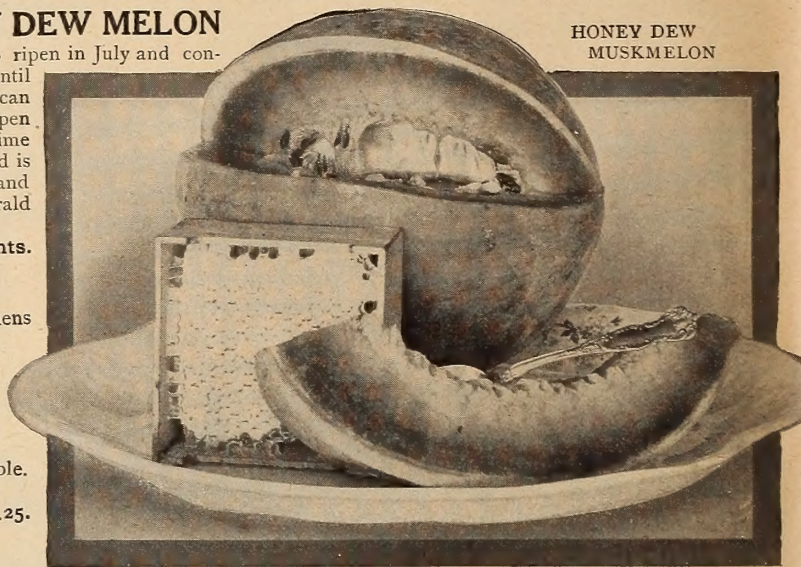
Richmond Hill, Ont.

James Vick's Sons, Rochester, N. Y.

Gentlemen:—Having grown your Irondequoit Melons for some years and having a good showing, I am enclosing a photograph made a week or two ago. We are eighteen miles north of Toronto on an elevation of nearly 700 feet above Toronto and Lake Ontario. The Melons have been very fine, both as to size and quality. The quantity is enormous. One row of fifteen plants had over 100 fine, big Melons, not including the small ones. They will average eight inches in diameter.

Respectfully yours,

JOHN H. DUNLOP.



A PATCH OF IRONDEQUOIT MUSKMELON





VICK'S EXTRA EARLY FLOWERING COSMOS

## Dasheen

**Ornamental as well as Useful. Food and Foliage in one. (Colocasia Antiquorum)**

This majestic and beautiful ornamental plant much resembles the Caladium Esculentum or Elephant's Ear, both in its mammoth leaf that measures from  $2\frac{1}{2}$  to 3 feet in length and 15 or 18 inches in width, and in its habit of growth. It is especially adapted to the ornamentation of lawns and terraces, and is greatly admired for its stately beauty. It is a native of China. Its tubers have furnished the people of that country wholesome and nutritious food for more than two thousand years. It is rapidly coming into cultivation in the South on account of both its food properties and its ornamental features. Interesting experiments are being made to determine how far north the tubers can be grown to maturity for commercial purposes.

The Dasheen should be started in the house under the same conditions as Caladium or Elephant's Ear, and planted in the open ground when the weather is pleasant and settled in the spring. It is not often we find a plant useful for both ornamental and food producing purposes. We have tested its eating qualities and found it somewhat similar to the Sweet Potato. It is good either baked, boiled or fried, the same as Potatoes; also makes a very delectable soup. At a Dasheen Dinner held at the Rochester Chamber of Commerce in November, a splendid article on the subject was read by Mr. John Dunbar, Assistant Superintendent of Rochester Parks. This article we have printed and will be pleased to mail it to any one interested in the subject. It will be included with each order. Bulbs, each, 35 cents; dozen, \$3.50.

**Our Fruit and Ornamental Trees have never looked nicer than they do this season. Fine trees to dig this spring.**

## Vick's Extra Early Flowering Cosmos

An extremely valuable new early flowering Cosmos. Begins to bloom in July from the seed sown in the open ground in May. Flowers large. **Mixed Colors—Packet 10 cents.**

Plants about three feet high continuing to bloom until frost.

For several years we have made a specialty of Extra Early Cosmos in mixed colors. For some time we have been working to get this strain in separate colors, and can offer this year White, Pink and Crimson. **Separate Colors Packet 10 cents each.**

## New Double Flowering Cosmos

These are similar in growth to the Single Flowering Variety, but bear Large Double Flowers that are very beautiful. A large percentage of seed come fully double and true to color. The single flowers, sometimes produced, are also very beautiful. Three Separate Colors, White Queen, Crimson Queen, Pink Beauty. **Packet 20c.**

## Chinese Woolflower

Plants grow to two to three feet high, the bloom starting early, with a central head round and globular, which often reaches the immense size of two feet in circumference. Scores of branches are thrown out, each bearing a branch of scarlet wool, but not so large as the central one. All these branches support numerous laterals with small heads of bloom mixed with fresh green foliage, so that a plant looks like an immense bouquet splendidly arranged and set in the ground. None of the blooms fade in any way, until hit by frost; but all continue to expand and glow with a deepening richness of color, a deep crimson scarlet.

Start seed, if convenient, under glass about four weeks before time to transplant to the garden. If the little plants remain too long in pots or seed beds they will begin to set bloom, which is not desirable. Transplant to the garden as soon as danger of frost is passed. **Packets 20 cents. Two packets for 35 cents.**

## Cardinal Climber

**The Most Beautiful and Brilliant Annual Climber Ever Sent Out.**

It is a strong and rapid grower, attaining a height of thirty feet or more with beautiful, fern like laciniated foliage, and literally covered with a blaze of circular fiery cardinal-red flowers from midsummer till frost. The flowers are about  $1\frac{1}{2}$  inches in diameter, and are borne in clusters of five to seven blossoms each. Like other Ipomeas, it delights in a warm, sunny situation and good soil. The seed may be started indoors in March or April in a temperature of not less than 70 degrees, and the plants set out when the weather gets warm. But it is just as well to wait, and when the weather gets warm and settled sow the seed out doors. In either case germination will be hastened, and also made more certain by filing or cutting a small notch in each seed. **Packet, 15c.**

## Vinca Delicata

A new variety just out; beautiful soft delicate pink. **Packet 15c.**

## Rochester White Gladiolus

**The Purest White Gladiolus Ever Offered. In a Class by itself**

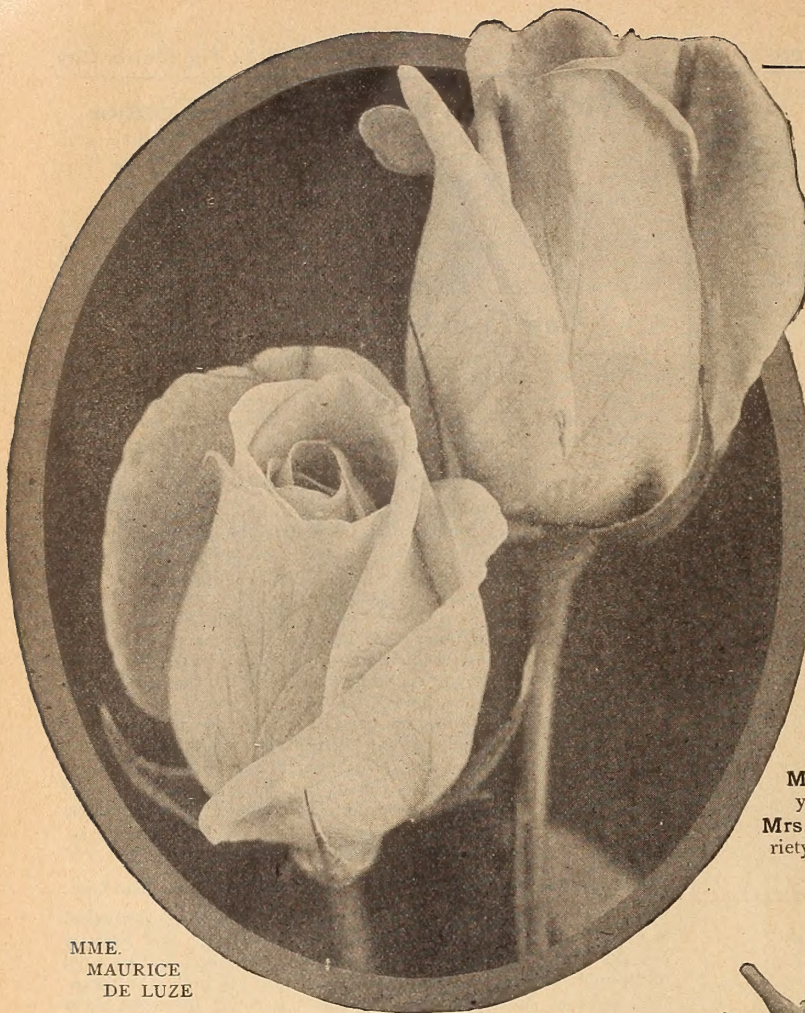
Lovers of fine Gladioli will be pleased to know that through the successful efforts of James Vick's Sons as distributing agents, growers, everywhere, are now able to buy this magnificent variety at a moderate price. This will, we are sure, lead to its being at once very widely introduced.

Rochester White has been highly commended by every authority on Gladioli, both in this country and in Europe, and it has been awarded first prize at every one of the many places where it has been shown in competition. Its unrivaled purity, its splendid habit, and its fine keeping qualities as a cut flower, combine to make Rochester White an ideal exhibition variety.

The flower is a beautiful clear white throughout. It has no markings in the throat, and even the anthers are white. The large, broadly opened blooms have nicely rounded petals, well arranged in an ample spike three feet in height. They form bulbs of good size which produce strong, healthy plants, comparing well in size and vigor with any of the standard varieties.

Each, 15 cents; dozen, \$1.50; hundred \$10.00; not less than fifty at hundred rate.





## Vick's "Everblooming" COLLECTION OF ROSES

Six of the Choicest of the Newer Varieties of  
Everblooming Hybrid Tea Roses for \$3.50.

The pleasure we take in offering this superb collection of what we consider the six choicest new Everblooming Roses can only be exceeded by the pleasure the planter will take in the beautiful buds and flowers of delicate and rich colorings that these very choice varieties will bear all summer long.

We consider every one of these Roses worthy of the house of Vick, and recommend them very highly to our friends, both old and new, who wish something extra choice in Roses for their yard and garden.

We give but a short description of these varieties on this page. On pages 95 and 96 longer and more complete ones will be found; also photographs of some of the varieties.

**British Queen.** Pure white. Flowers and buds perfectly formed and very large. Awarded Gold Medal National Rose Society of England.

**H. V Machin.** Black veined, scarlet-crimson flowers on long, strong stems. Awarded Gold Medal National Rose Society of England.

**Madame Maurice de Luze.** Deep rose-pink, with carmine-pink center. Wonderfully shaped buds and flowers.

**Mrs. Aaron Ward.** Deep golden-orange, shading to creamy-yellow; white at edge of petals.

**Madame Edouard Herriot.** Coral-red, shaded with yellow at base of flower. A very free-blooming Rose.

**Mrs. Wakefield Christie Miller.** A pink and salmon variety. Edges of bloom oddly crimped and waved.

MME.  
MAURICE  
DE LUZE

## Vick's "Star" Collection of CHOICEST DAHLIAS

So many very choice varieties in the Cactus, Decorative, Pæony-Flowered and Mammoth Dahlias are listed in this 1917 Book, that a selection of the best six kinds and colors was very difficult indeed.

In the collection offered below we endeavor to give a variety both in shape and kind of flower and in color. We know these choice varieties will please all of our friends who have space in their garden for them.

### Six Varieties for \$1.00

**Genista—Cactus.** Deep orange, changing to gold. Free-flowering, flowers very finely formed.

**Kremhilde—Cactus.** Ivory-white and pink. Popular with all who have planted it.

**Iceberg—Cactus.** White, long, narrow petals. One of the finest formed of the Cactus.

**Charles Clayton—Cactus.** Intense red. Large flowers on long stems.

**Miss Minnie McCullough—Decorative.** Yellow, overlaid with bronze.

**Queen Emma—Pæony-Flowered.** Hollyhock-pink; inner petals banded with gold.



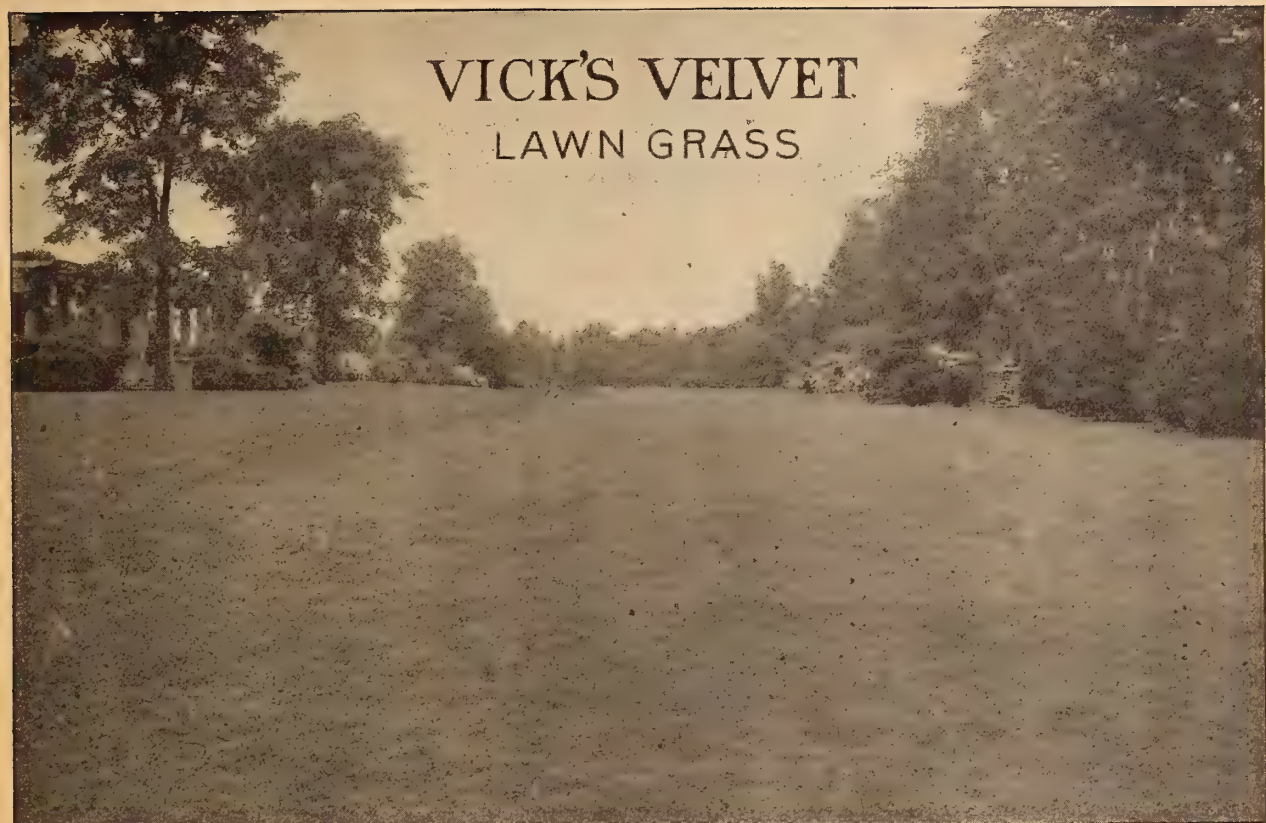
GENISTA

The Two Collections, Vick's "Everblooming" Rose, and  
Vick's "Star" Dahlia, sent prepaid for \$4.25

More complete descriptions and prices of Roses and Dahlias, in single and dozen lots, given on pages 95 and 99



# VICK'S VELVET LAWN GRASS



VICK'S "VELVET LAWN" GRASS SEED MIXTURE  
A COMBINATION OF THE HIGHEST GRADE SEEDS

A LAWN ON THE ESTATE OF  
GEO. EASTMAN, ROCHESTER

## Vick's "Velvet Lawn" GRASS SEED MIXTURE

To make a perfect lawn, good seed is absolutely essential. Vick's "Velvet Lawn" Grass Seed Mixture is composed of several grasses of the highest standard of purity and germination. Unsurpassed by any other mixture, regardless of price. Under ordinary conditions a velvet lawn is absolutely assured in a few weeks after sowing Vick's "Velvet Lawn" Grass Seed Mixture.

Good results are only to be obtained by using a mixture of several grasses, because the different varieties of grasses are at their best at different times during the spring, summer and fall. Our "Velvet Lawn" Mixture contains the right kinds in correct proportions, and will produce a thick sod of rich deep green throughout the entire growing season. Only the highest grades of seed are used.

Do not mix Timothy or any other grasses with our Velvet Mixture. Our mixture is correctly proportioned for nearly all situations and conditions of soil, and will give you entire satisfaction. Vick's "Velvet Lawn" Grass weighs twenty pounds per bushel and will go fully twice as far as any of the ordinary mixtures of fourteen pounds per bushel we have ever seen.

$\frac{1}{2}$  pound, 25 cents; pound, 45 cents, prepaid.

Five pounds, \$1.50; 10 pounds, \$2.75;

20 pounds, \$5.00, not prepaid.

## Vick's "Golf Course" GRASS SEED MIXTURE

Some of the most successful championship courses were sown with Vick's "Golf Course" Grass Seed Mixture, which is composed of a combination of the finest seed of tested varieties of quick-growing, fine-leaved, dwarf grasses especially adapted to the making of the finest Putting and Fair Greens.

$\frac{1}{2}$  Pound, 35 cents; pound, 55 cents, prepaid.

Five pounds, \$2.00; fourteen pounds, \$5.00, not prepaid.

## Pulverized Sheep Manure as a Fertilizer

For private grounds, lawns, tennis courts, parks and golf courses, you will find our Pulverized Sheep Manure best adapted as a fertilizer. It is a natural pure animal fertilizer and adds organic matter to the soil by nature's own method. It may be applied in any quantity without injury to the grass. The first rain will wash it down to the roots where its immediate effect is very apparent.

Five lbs., 30 cents; 25 lbs., 75 cents; 50 lbs., \$1.25;

100 lbs., \$2.00; 500 lbs., \$9.00;

1000 lbs., \$16.00, not prepaid.

To ascertain the necessary quantity of Vick's Lawn Grass Mixtures use the following rule:—

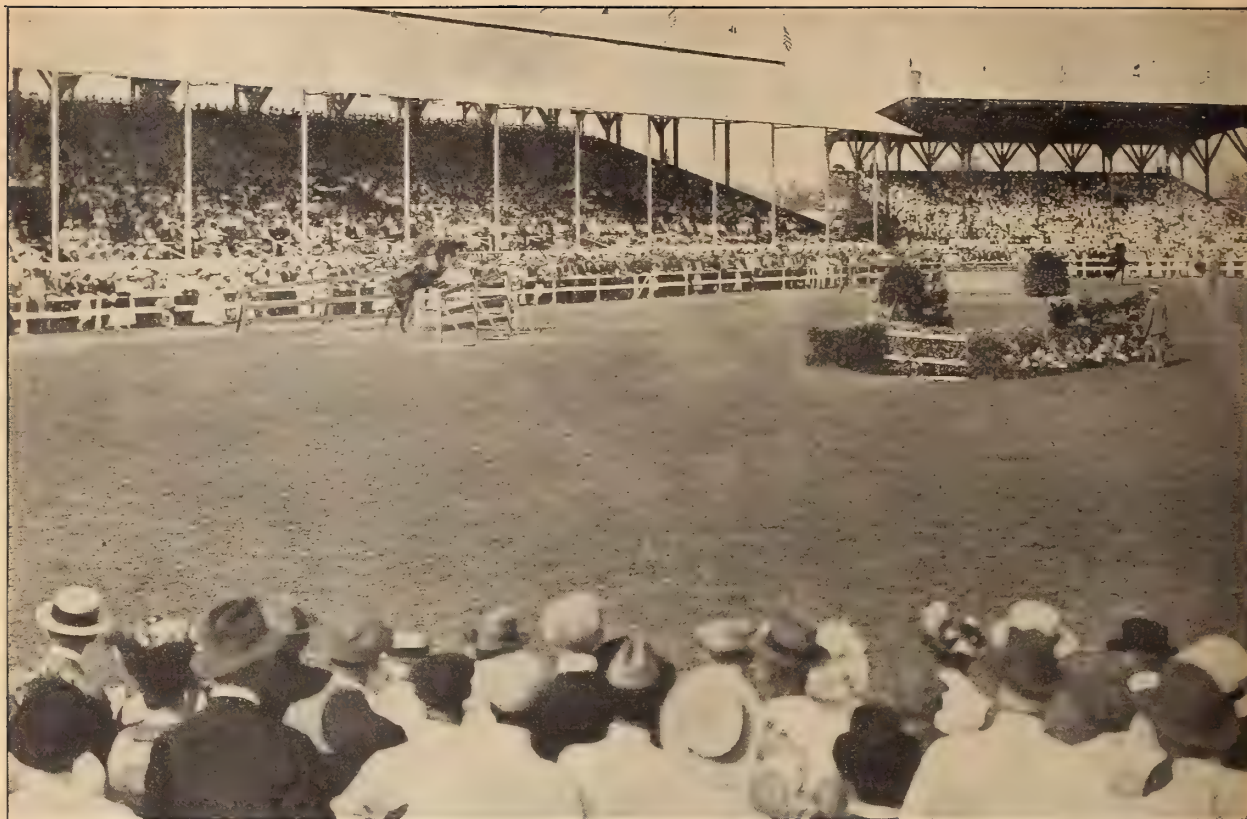
Use one-half pound of seed to 275 square feet; one pound to 450 square feet; 100 pounds to one acre, (43,560 square feet).

For 1 acre, 43560 square feet . . . . .	100 lbs.	For $\frac{1}{2}$ acre, 14520 square feet . . . . .	33 $\frac{1}{2}$ lbs.	For 1-12 acre, 3630 square feet . . . . .	8 $\frac{1}{2}$ lbs.
" $\frac{1}{2}$ " 21780 " " " " " " " " " " " "	50 "	" $\frac{1}{4}$ " 7260 " " " " " " " " " " " "	17 "	" 1-16 " 2723 " " " " " " " "	6 "
" $\frac{1}{4}$ " 10890 " " " " " " " " " " " "	25 "	" $\frac{1}{8}$ " 5445 " " " " " " " " " " " "	12 $\frac{1}{2}$ "	" 1-32 " 1362 " " " " " " " "	3 "

Cover clay spots or subsoil from excavations with light surface soil. Settle and level by repeated rolling and raking. Rake in a liberal amount of Vick's Pulverized Sheep Manure. It will not burn the seed. Sow when the ground is ready and keep the lawn sprinkled, if possible, until the grass is well established.

You will find Pulverized Sheep Manure best adapted as a fertilizer for lawns everywhere. Always absolutely odorless





PADDOCK AT HORSE SHOW, ROCHESTER, N. Y.

VICK'S "EXPOSITION PARK" GRASS SEED MIXTURE USED

**The Paddock—Rochester Horse Show.** The largest and best show of its kind in the country. Here for over a week more than 300 of the finest riding and driving horses from all over the country compete for prizes. The sod must be thick and tough to stand the hard usage given it by running and jumping such a large number of horses every day. Vick's "Exposition Park" Grass Seed Mixture was sown in this Paddock four years ago, and the sod is still in fine condition in spite of the extremely hard usage the shod feet of the horses give it every season.

## Vick's "Exposition Park" GRASS SEED MIXTURE

**For Any Turf That Has to Stand Any Amount of Hard Usage Without Showing Wear and Tear**

Years of experience testing and trying out combinations of different varieties of grasses that would make a thick, firm, elastic, yet smooth turf, one that was deep-rooted and would stay green in both wet and dry weather has given us this "Exposition Park" Grass Seed Mixture.

This mixture is composed of low-growing, fine-leaved, tough and hardy grasses that will stand the great wear and tear that is required of the turf of Polo Grounds, Baseball Grounds, Croquet Grounds, Bowling Greens, Horse Show Paddocks, Public Parks and Picnic Grounds.

Sow one pound to 300 square feet; 70 pounds to the acre.

½ Pound, 35 cents; pound, 55 cents, prepaid.

Five pounds, \$2.00; fourteen pounds, \$5.00, not prepaid.

## Vick's "Shady Spot" GRASS SEED MIXTURE

**For Any Spot So Shaded That the Ordinary Grass Seed Will Not Grow**

No unsightly bare spots under bay windows or trees will be seen if "Shady Spot" Grass Seed Mixture is used. This is formed of varieties of dwarf growing evergreen grasses especially adapted to growing grass in these densely shaded locations. As ground that is so closely shaded and sometimes poorly drained, is frequently "sour," an application of a bushel of slacked lime or land plaster to each 1000 square feet will sweeten it up wonderfully, and with the help of the right Grass Seed Mixture will give you the very best results.

½ pound, 25 cents; pound, 45 cents, prepaid.

Five pounds, \$1.50; 10 pounds, \$2.75;

20 pounds, \$5.00, not prepaid.

### FACTS ABOUT GRASS SEED MIXTURES

The most essential thing in making a lawn is good seed. On ordinary soil, well fertilized with either pulverized sheep manure or stable litter, and with proper moisture, good seed will grow. The price of lawn grass seed varies greatly according to quality. The cheap seed offered consists mostly of chaff, and if used, the planter will find his grass coming up in patches or very thin. If good seed is planted it will come up thick and make a good permanent lawn. Our lawn mixtures are composed of the very highest grades of grasses, as free as possible from all weed seeds and other impurities. Moreover, for our mixtures we use grasses with the highest obtainable percentage of germination. Do not be humbugged with cheap seed; buy the best and have a lawn that will last indefinitely.



# VICK'S VEGETABLE SEEDS



## VICK'S ASPARAGUS

Spargel, Ger.; Esparrago, Span.; Sparagio, Ital.

**A**S ASPARAGUS seed germinates very slowly, it is advisable when ready to plant, to pour hot water over it. When cool, drain and pour hot water over it again. Sow seed quite early in spring, in a bed of light, rich soil, in drills one foot apart and two inches deep. When the plants are well up, thin to about one inch apart. When the plants become withered, cut them down, and spread well-rotted stable manure two inches deep over

the bed. Let the plants remain in the seed-bed until they are about to grow, early in spring. The subsoil of the permanent bed must be well drained. It should be dug thoroughly at least two and one-half feet deep, and mixed with plenty of well rotted manure. For private garden use set the plants in rows two feet apart, and about a foot apart in the row, with crowns four inches below the surface, with roots carefully spread. For field culture the rows should be six feet apart and two feet apart in the rows. Before winter cover the transplanted beds with manure, and fork it in the next spring, being careful not to injure the roots. In autumn, cut away the ripe tops. One ounce of seed will sow a drill fifty feet long. One pound, will produce plants sufficient for an acre.

**Vick's Mammoth** is, without exception, 'the largest, heaviest and best Asparagus grown. A bunch of twelve stalks will weigh three to four pounds. In size, color and yield, it far surpasses any other variety. The delicacy of its color notably distinguishes it from other green varieties, while its thick stalks are unusually tender and succulent and of delicious flavor. Packet, 5 cents; oz., 10 cents;  $\frac{1}{4}$  lb., 30 cents; lb., \$1.00.

**Conover's Colossal.** The old standard variety; of large size, rapid growth, and of best quality. Packet, 5 cents; oz., 10 cents;  $\frac{1}{4}$  lb., 20 cents; lb., 60 cents.

**Palmetto.** Of Southern origin, but equally adapted to North or South. Early, large, productive, and of excellent quality.

Packet, 5 cents; oz., 10 cents;  $\frac{1}{4}$  lb., 25 cents; lb., 75 cents.

**Columbian Mammoth White.** A variety, producing white stalks of large size and finest quality and flavor.

Packet, 5 cents.; oz., 10 cts.;  $\frac{1}{4}$  lb., 25 cts.; lb., 75 cts.

## ASPARAGUS ROOTS

By purchasing plants at least a year of time is saved. The young shoots may be cut for the table the second season. Vick's Mammoth, 100 mail prepaid \$1.60, not prepaid \$1.10 per 100; \$7.00 per 1000. Conover's Colossal, and Palmetto—100 by Mail, prepaid, \$1.50. Not prepaid, 100, \$1.00; 1000, \$6.50.

## BRUSSELS SPROUTS

Rosenkohl, Ger.; Bretones de Bruselas, Span.; Cavolo di Bruxelles; Ital.

Brussels Sprouts are harder than cabbages, and the "sprouts" or little heads growing along the stem are considered the most delicately flavored vegetables of the entire Cabbage family. Grown in the same manner as winter Cabbage. The late crop is usually the most satisfactory. One ounce seed produces about 1000 plants.

**Vick's Improved or Paris**

Market. Packet, 5 cents; ounce, 20 cts.;  $\frac{1}{4}$  lb. 75 cts.

## ARTICHOKE

Artischoke, Ger.  
Alcachofa, Span.  
Articiocca, Ital.

The Globe Artichoke is cultivated for its flower heads, which are used in an undeveloped state, cooked like Asparagus. Plant seed early in spring, three inches apart, in rows one foot apart. When one year old, transplant to rows three feet apart and one foot apart in the row. Where the winters are severe protect the plants with leaves or dry litter to keep the crowns from freezing. Jerusalem. (Tubers). See Farm Seeds, page 44 Green Globe. (Seed). Packet, 10 cents; oz., 50 cents;  $\frac{1}{4}$  lb., \$1.50.

VICK'S MAMMOTH  
ASPARAGUS,



At top of page are shown vegetables grown from our seed and sent by customers for exhibit at N. Y. State Fair.



# Garden Beans

Bohen, Ger. Habichuela, Span. Faginoli, Ital.

**T**HE Dwarf Beans are earliest and most hardy, as a general rule. In garden culture, Beans are usually planted about two inches deep, in rows eighteen inches apart, and three inches apart in the row; in field culture, in drills two to three feet apart, so as to cultivate with horse one way. Until blossoming season, frequent but shallow cultivation should be given. Seed of the large varieties should be planted with the eye downward. One quart of seed will be sufficient for 100 hills of Limas, and 250 to 300 hills of the other varieties, and for about 100 feet of drill. Plant one bushel per acre. The average yield of Beans the past season was the poorest in years, all varieties falling far short a full crop. Notwithstanding this fact, our prices will remain practically the same as long as our reduced supply holds out. Our special prices on large quantities on page 42 are just as low as conditions will permit. In making these prices we have striven to keep as low as possible; not to raise them as high as possible. In a serious situation like this, we are striving to look out for the best interests of our customers, instead of trying to get out of it all we can for ourselves. Remember, our prices on this page include postage or express to your station. *Better order early.*

**Yellow or Wax Pod Bush Beans**  
Prices on all varieties, except as noted, on this page, are as follows: Packet, 10 cents;  $\frac{1}{2}$  pint, 25 cents; pint, 40 cents. For quarts and larger quantities see our special prices on page 42.

**Rustless Golden Wax.** *A strong grower, free from rust,* and of remarkable vigor. The pods are meaty and well filled, of fine quality, and stringless from first to last. With its fine quality, hardiness, productiveness, and freedom from rust, it has become general favorite and a great improvement over the old fashioned Golden Wax.

**Pencil-Pod Black Wax.** Plants about fifteen inches high, when in bearing filled with long, round, handsome, golden yellow pods. Perfectly stringless, brittle, tender and mild in flavor. Two or three days later but better than German Black Wax.

**Prolific German Black Wax.** An old sort but still retaining its popularity, in quality being exceedingly tender and crisp. In our estimation it is one of the best. It is early and productive; pods long, yellow, round.

**"Sure-Crop" Stringless Wax.** An absolutely stringless, rust-proof, wax-pod, bush Bean. Pods seven to seven and a half inches long, about half an inch in diameter, and a beautiful rich yellow color. Plant hardy, extremely prolific, in fact it bears more freely than any other variety of recent introduction. Just the Bean for the family garden. On account of its size it is always a ready seller on the market.

**Refugee Wax.** One of the very best of the wax-pod sorts. The plants produce an abundance of long, round wax-like pods, perfectly stringless, tender and of the finest quality. In color, the pods are a rich, creamy white. This variety is classed among the early sorts, coming into bearing about 40 days after planting and continuing in bearing for several weeks. It is certainly one of the best Beans for either the home garden or market.

**Michigan White Wax.** A Bean of exceptional value on account of its earliness, vigorous growth and productiveness. The seed is clear white, and for cooking cannot be excelled. Will give entire satisfaction to those preferring a white Bean. Not only are the tender pods excellent for table use, but also the large ripe white bean.

**Wardwell's Kidney Wax.** A very popular variety in many localities. The long, flat pods are a delicate waxy yellow,—stringless and brittle. **In packets only.**

**Fisher Stringless Golden Wax.** A Bush Bean, with the immense Wax Pods of the Pole Bean; superior quality; pure white. The beautiful golden yellow pods are very tender, of the finest flavor and perfectly stringless. The plant is extraordinarily vigorous and productive, and free from disease. The dry beans are pure white in color and of very superior quality for cooking. In season, it comes after most other wax Beans are gone. Much superior to any other late variety we have ever known. Originated by, and named for our former farm superintendent, now retired. **In packets only, 15 cents.**

## Pole, or Running Beans

For special low prices on larger quantities, see page 42

About the middle of May plant four to six beans around poles eight to ten feet high, setting poles four feet apart each way. Thin to three plants to a pole if the soil is rich.

**London Horticultural, or Speckled Cranberry (Wren's Egg).**

Vines moderately vigorous; pods short, broad, pale green, but becoming streaked with bright red. Popular as a shelled bean, either green or dry. Many people prefer it to the Limas.

Packet, 10 cents;  $\frac{1}{2}$  pt., 20 cents; pt., 30 cents.

**Scarlet Runner.** An old favorite; used both as string and shelled beans. Vines strong, rapid growers, often used for ornamenting porches and trellises. Flowers brilliant scarlet. Blooms from early in summer until late in fall.

Packet, 10 cents;  $\frac{1}{2}$  pt., 20 cents; pt., 30 cents.

**America's Oldest Mail Order Seed House**

**RUSTLESS  
GOLDEN WAX**

**Old Homestead (Kentucky Wonder).** Earliest of the green Pole Beans and enormously productive. The pods though large, cook tender, and are delicious. A most excellent snap variety.

Packet, 10 cents;  $\frac{1}{2}$  pint., 20 cents; pint., 30 cents.

**Early Golden Cluster Wax.** Vigorous and very productive; pods enormously large and long, flat, waxy yellow, tender, and of excellent quality.

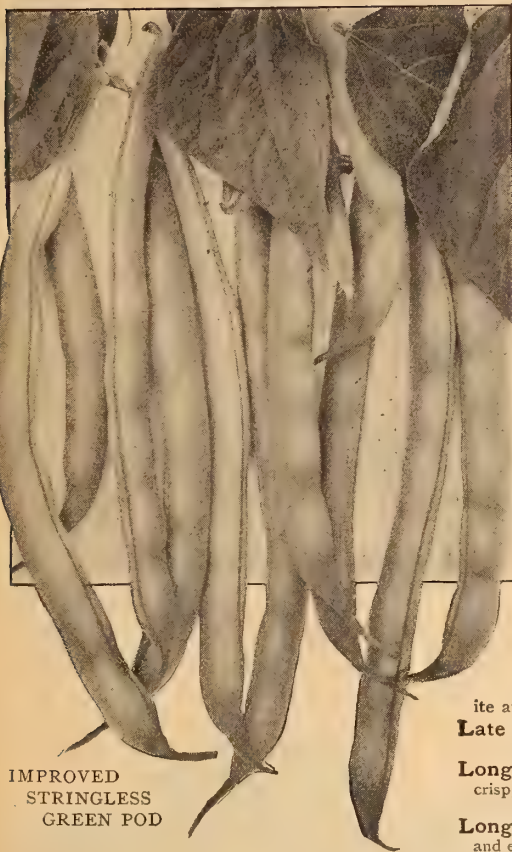
Packet, 10 cents;  $\frac{1}{2}$  pt., 20 cents; pt., 30 cents.

**White Dutch Case-Knife.** Good as a shell bean, either green or dry. One of the earliest and very productive.

Packet, 10 cents;  $\frac{1}{2}$  pt., 20 cents; pt., 30 cents.

We are originators of many of the best varieties of Vegetable and Flower Seeds being sold by seedsmen of this country





IMPROVED  
STRINGLESS  
GREEN POD

## Green Pod Bush Beans

Remember, these are Prepaid Prices. For special low prices on quarts and larger quantities, see page 42.

**Bountiful.** A new Green-Podded Bush variety that has come into prominence in the past few years, owing to its superior quality, earliness and productiveness. One great feature is that while it bears early, its pods remain in an edible condition for a long time. Packet, 10 cents; ½ pt., 20 cents; pt., 30 cents.

**Dwarf Horticultural.** A standard New England sort. The pods are medium in length, cylindrical, curved, splashed with bright red on a yellowish ground. The beans are round and speckled. Packet, 10 cents; ½ pt., 20 cents; pt., 30 cents.

**Extra Early Red Valentine.** One of the most popular of the extra early sorts. Pods round, fleshy, and well filled with beans of excellent quality. Packet, 10 cents; ½ pt., 20 cents; pt., 30 cents.

**Extra Early Refugee.** One of the earliest of the green-podded sorts, about two weeks earlier than the ordinary Refugee, while possessing all the superior qualities of that variety; straight, tender pods, of fine flavor. Excellent for pickles. It is an enormous yielder. Packet, 10 cents; ½ pt. 20 cents; pint, 30 cents.

**Full Measure.** A bush variety, popular on account of its wonderful yield and quality. Handsome long green, round pods, of the highest quality and perfectly stringless. It also remains in picking condition many days after maturing, a strong point in its favor, either for market or home garden. Packet, 10 cts.; ½ pt., 25 cts.; pt., 40 cts.

**Giant Stringless Green-Pod.** This is a distinct cross-bred variety, possessing all the merits of the old favorite Round-Pod Valentine, the pods are large, being five to six inches in length, unusually crisp, round, full, and fleshy. A little later than Stringless Green Pod. Packet, 10 cents; ½ pt., 25 cents; pt., 40 cents.

**Keeney's Stringless Refugee.** This grand new sort introduced by Mr. Keeney, the Bean expert, is without doubt the best green podded variety. After years of work and careful selection he has perfected a Bean having all the good points of the old-fashioned Refugee, differing only in the fact that it is perfectly stringless. It forms a strong, rank bush of many branches free from rust. Extremely hardy. Pods are long, round as a pencil; color light gray-green. Packet, 10 cents; ½ pt., 25 cents.; pt., 40 cents.

**Improved Stringless Green Pod.** The pods are absolutely stringless, full, fleshy, crisp, very tender, and of the finest flavor, remaining long in edible condition. Ready for the market two weeks earlier than Valentine, and very prolific. Too much cannot be said in favor of this most excellent Bean, which has become a general favorite among growers. Packet, 10 cents; ½ pt., 25 cents; pt., 40 cents.

**Late Refuge or 1000 to One.** Improved strain, very prolific.

Packet, 10 cents; ½ pt., 25 cents; pt., 40 cents.

**Longfellow.** A round, solid, very early, Green-Podded Bean. Good quality, being tender and crisp, also exceedingly prolific. One of the best for the home garden or market.

Packet, 10 cents; ½ pt., 20 cents; pt., 35 cents.

**Long Yellow Six Weeks.** A very early standard variety, much prized for its productiveness and excellent quality. The green pods are often eight inches long, tender and brittle.

Packet. 10 cents; ½ pint, 20 cents; pint, 35 cents.

## Lima Beans—Pole, or Running

**Extra Early Jersey Lima.** Does not differ materially from other varieties of Lima Beans, except in earliness; in this it has the advantage of from ten days to two weeks over the Large White Lima.

Packet, 10 cents; ½ pint, 20 cents; pt., 30 cents.

**King of the Garden Lima.** A vigorous grower, requiring but two vines to each pole. Begins flowering early, at the bottom of the pole, producing a continuous bloom and fruitage to the end of the season. Pods measure from five to eight inches, and contain five, six, and seven perfectly formed beans of superior edible quality. Packet, 10 cents; ½ pt., 20 cents; pt., 30 cents.

**Large White Lima.** This old well known sort needs no description. The green beans, very tender and delicious, are a delight to the taste, and the ripe beans are excellent eating.

Packet, 10 cents; ½ pt., 20 cents; pt., 35 cents.

**Siebert's Early Lima.** An extra early Lima and extremely productive, remaining in bearing the whole season. The beans are nearly as large as those of Large White Lima, and of good quality.

Packet, 10 cents; ½ pt., 20 cents; pt., 30 cents.

REFUGEE WAX

One of the Best Beans for the Home Garden or Market

## Dwarf Bush Lima Beans

**Fordhook Bush Lima.** Without doubt the best Dwarf Bush Lima. Earlier than the Pole Limas by ten days. Pods measuring from four to five inches in length, containing four to five large beans of excellent quality. The plants grow to a height of 20 to 30 inches; are strong and bushy, of a rich dark green color.

Packet, 10 cents; ½ pt. 20 cents; pt., 35 cents.

**Improved Bush Lima** (Dreer's Kumerle, or Thorburn.) Similar to above. The beans in the pod grow close together, are very thick, and of superior flavor.

Packet, 10 cents; ½ pt., 20 cents; pt., 30 cents.

**True Bush Lima** The bush grows from eighteen to twenty-four inches high, branching freely, bearing many large pods, well filled with delicious buttery beans. Plant in rows three feet apart, and thin to twelve or eighteen inches apart in the row.

Packet, 10 cents; ½ pt., 20 cents; pt., 30 cents.

**Wood's New Prolific Bush Lima.** A greatly improved strain of Henderson's Bush Lima, or Dwarf Sieva Bean. Equally as early and prolific, and produces much larger pods and beans. About two weeks earlier than the true Limas; it is very desirable for planting for an early supply, or in latitudes where the true Limas do not succeed well.

Packet, 10 cents; ½ pt., 20 cents; pt., 30 cents.



Send in your order early. Stock is very scarce, but our prices on most varieties are no higher than those of last year



# Vick's Beets

Rübe, Ger.

Remolacha, Span.

Barbabetola, Ital.

**F**OR Beets the soil should be rich, mellow, and deep. Sow as early as the ground can be worked, in drills about one inch deep and the rows about fifteen or eighteen inches apart, dropping the seeds about two inches apart, and pressing the soil firmly over them. When the young plants are two to three inches high, thin to five or six inches. For winter use, the Turnip varieties may be sown the first week in June, and in October the roots can be stored in a cellar, covering them with sand to prevent shriveling; or they may be kept in pits out of doors. One ounce to fifty feet of drill; five pounds to an acre.

**Detroit Dark Red.** The demand on us by market gardeners for a special strain of the Detroit Dark Red Beet, uniform in shape, and with the dark red flesh so desirable in Beets, made it necessary for us to devote considerable time and trouble in selecting and growing a strain that will please the most critical. In color and shape it is unsurpassed. Roots medium in size, globular, and very smooth; skin a dark blood-red, flesh deep bright red, fine-grained, tender and sweet, remaining so long after many sorts become woody. Tops small, admitting of close planting. On account of its fine appearance it has been said to be particularly a market gardeners variety, but Detroit Dark Red is in every way a desirable Beet for Home Gardening.

Packet, 5 cents; ounce, 15 cents;  $\frac{1}{4}$  lb., 45 cents; lb., \$1.50.

## The Rochester or Improved Crimson Globe.

A perfect Beet in all respects; brilliant crimson in color, globe-shaped, with a very smooth skin, and an exceedingly small tap-root, fine-grained, sweet in flavor, and tender at all times. The foliage is small, admitting of close planting. Not only a market gardener's sort but one of the best for the kitchen garden, as it is extra early.

Packet, 10 cents; ounce, 20 cents;  $\frac{1}{4}$  lb., 45 cents; lb., \$1.40.

### VICK'S DETROIT DARK RED BEET

**Dewey's Improved Early Blood Turnip.** Turnip-shaped, smooth, tender, and good About ten days after Bassano. Pkt., 5 cts.; ounce 15 cts.;  $\frac{1}{4}$  lb., 40 cts.; lb., \$1.25.

**Extra Early Egyptian Blood Turnip.** A standard sort; ten to twelve days earlier than the old Blood Turnip; fine for forcing and for first early crop out of doors. Roots rich, dark crimson, with very small tap roots; flesh dark blood-red, zoned with lighter shade; crisp sweet and a desirable and profitable Beet for the market gardener, as well as an exceptionally good variety for the home garden.

Packet, 5 cents; ounce, 15 cents;  $\frac{1}{4}$  pound, 40 cents; pound, \$1.25.

**Early Eclipse.** This variety is exceedingly popular, and is one of the best early sorts. The tops are small, which admits of close planting. The roots are of a globular shape. Flesh fine-grained, very sweet, crisp and tender; dark red, zoned with a lighter shade.

Packet, 5 cents; ounce, 15 cents;  $\frac{1}{4}$  pound, 40 cents; pound, \$1.35.

**Early Bassano.** A good early turnip Beet, tender and juicy. Flesh white and rose. Grows to a good size. Sown late, it keeps well in winter.

Packet, 5 cents; ounce, 15 cents;  $\frac{1}{4}$  pound, 30 cents; pound, \$1.00.

**Edmand's Early Blood Turnip.** A market gardener's strain; regular in shape, round, with very small tap-root; flesh a deep blood-red, sweet and tender.

Packet, 5 cents; ounce, 15 cents;  $\frac{1}{4}$  pound, 40 cents; pound, \$1.35.

**Crosby's Egyptian.** A carefully selected strain of Egyptian, as early as the original, but larger, thicker, smoother, and of better quality. Flesh deep, blood-red. It is a rapid grower, attaining a usable size, quicker than almost any other variety, and does not become woody with age. Profitable in almost any soil and extremely satisfactory for the small gardener as well as for the market. Packet, 5 cents; ounce, 15 cents;  $\frac{1}{4}$  pound 45 cents; pound, \$1.50.

**Bastian's Early Blood Turnip.** Tops small; roots turnip shaped; flesh tender, blood-red color. A good second early variety. Packet, 5 cts.; ounce, 15 cts.;  $\frac{1}{4}$  pound, 40 cts; pound, \$1.25.

**Long Smooth Blood Red.** Tops large, with good-sized long roots, tapering, and growing even with the surface; dark red; flesh very sweet and tender, remaining so when kept until spring. A popular winter sort.

Packet, 5 cents; ounce, 15 cents;

$\frac{1}{4}$  pound, 40 cents; pound, \$1.25.

**Vick's Early Market.** For those who want an extra early variety, here is a good, new kind. Nearly globe-shaped with small tap root; flesh-red, fine grained. It is especially recommended for Beet "Greens," being considered by many fully as delicious in flavor and quality as spinach. We have a large stock this year and price is very low. Packet, 5 cents; ounce, 15 cents;  $\frac{1}{4}$  lb. 30 cents; pound, \$1.00.

**Early Wonder.** A deep blood-red beet, nearly globular in shape, with a small, clean tap root and a small sized top. One of the earliest and most uniform bunching beets that can be grown. A field of Early Wonder will mature so evenly that the entire crop may be harvested at one time. Packet, 5 cents; ounce, 15 cents;  $\frac{1}{4}$  pound, 45 cents; pound, \$1.50.

Albion, N. Y.

James Vick's Sons, Rochester, N. Y.

Gentlemen—I was greatly pleased with your Improved Strain of Detroit Dark Red Beet grown on my muckland last summer. They were the most uniform Beets in size, shape and color I have ever grown. Owing to the above facts, they brought better than the regular market prices.

Yours truly,  
N. J. GOULD.

Every seed beet planted is selected for size and shape, carefully chipped for color, grain and tenderness. All for Vick quality.



# Mangel Wurzel, for Stock Feeding

Mangel Wurzels are of especial value to the stockman and dairyman. The roots are juicy, sweet and nutritive, act as a mild laxative, keep the cattle in good health, thus tending to produce flesh and to increase the flow of milk. The owner of even one or two cows should grow a sufficient quantity of Mangels to provide fresh food in winter when green food is unobtainable. For field culture the row should be wide enough to admit the horse cultivator, and the roots not nearer than one foot in the row. Sow five or six pounds of seed to the acre

## TWO NEW MANGELS

Here are two improved varieties of Mangel, which have been worked up under the direction of the Danish Government. By careful selection they have secured Mangels which yield a larger tonnage of sugar and other food material than was ever before known. Both of these stocks come from a grower who was granted a First Class Certificate by the Danish Government for the high percentage of sugar and solids in his stocks of these varieties. Sludstrup Barres is the variety to sow on light, deep soil, while Danish Taaroje surpasses all other varieties where the soil is heavy or shallow.

**Sludstrup Barres.** Long reddish yellow, grows well above ground, easy to pull. It is considered by the Danish growers to be the best Mangel in the world.

Ounce, 10 cents;  $\frac{1}{4}$  lb., 25 cents; lb., 85 cents.

**Danish Taaroje.** Has all the good points of the Sludstrup Barres, is more dwarf, ovoid or olive shaped, golden yellow. Grows more above the surface and is used extensively on heavy soil.

Ounce, 10 cents;  $\frac{1}{4}$  lb., 25 cents; lb., 85 cents.

**Vick's Golden Giant. A Reliable Variety for the Stock-Man.** Very productive. Root of magnificent size, growing with half its bulk above ground, making it easy to harvest. Root uniform in shape, with a smooth, russet yellow skin; flesh white firm sweet, and greatly relished by cattle. An excellent keeper.

Ounce, 10 cents;  $\frac{1}{4}$  lb., 25 cents; lb., 75 cents.

**Vick's Mammoth Long Red.** This is truly a mammoth. A single root often weighing twenty to thirty pounds. Enormously productive, yielding, under favorable conditions, thirty to forty tons of roots per acre.

Ounce, 10 cents;  $\frac{1}{4}$  lb., 25 cents; lb., 75 cents.

**Golden Tankard.** A distinct variety, particularly valuable on account of its richness in saccharine matter, and highly prized by dairymen for its milk-producing qualities. All stock will thrive on it. Deep yellow flesh and skin.

Ounce, 10 cents;  $\frac{1}{4}$  lb., 25 cents; lb., 75 cents.

**Champion Yellow or Orange Globe.** The best round Mangel. Keeps well for winter use. It is also valuable for growing in shallow soils.

Ounce, 10 cents;  $\frac{1}{4}$  lb., 20 cents; lb., 65 cents.

**Red Globe.** Similar to Yellow Globe except in color, which is light red or pink.

Ounce, 10 cts.;  $\frac{1}{4}$  lb., 20 cts.; lb., 65 cts.

SWISS CHARD

## SUGAR BEETS

When planted for a sugar crop, from six to eight pounds of seed will be required for an acre. Seed may be sown in drills twenty to thirty inches apart. When beets are up two or three inches high, they should be thinned out so as to stand from six to eight inches apart. Discontinue cultivation after formation of roots has commenced. The large amount of sugar contained in the Sugar Beet makes it much relished by stock, and desirable for fattening.

**Klein Wanzleben Sugar.** Is being cultivated in Germany almost exclusively for sugar, on account of its great yield of saccharine matter. It gives good returns in any ordinary soil.

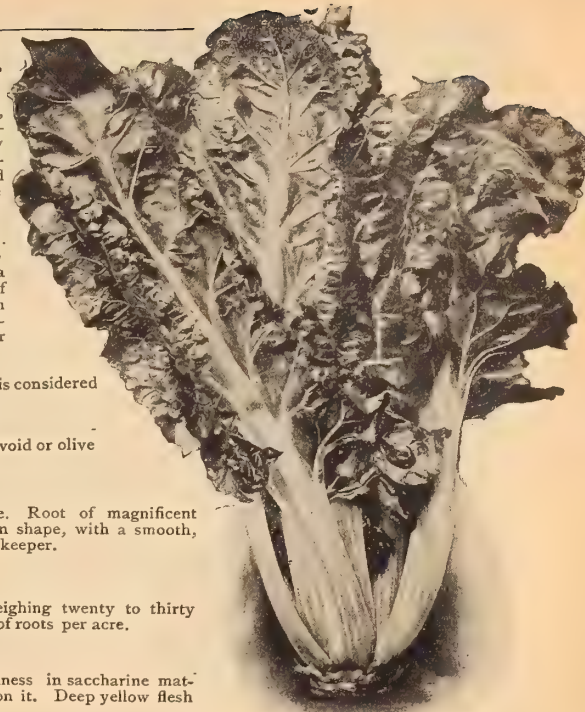
Ounce, 10 cents;  $\frac{1}{4}$  lb., 25 cents; lb., 85 cents.

**Imperial White Sugar.** One of the sweetest and best of Sugar Beets. Very productive and desirable for stock of all kinds.

Ounce, 10 cents;  $\frac{1}{4}$  lb., 25 cents; lb., 85 cents.

**Vilmorin's Red-Top Sugar.** Matures earlier than other varieties of Sugar Beet, and yields a good percentage of sugar. A heavy cropper, largely grown for cattle feeding.

Ounce, 10 cents;  $\frac{1}{4}$  lb., 25 cents; lb., 85 cents.



## FOLIAGE BEETS, Swiss Chard

Used for Leaves and Leaf-Stalks Only

It is used extensively either as greens or in the same manner as asparagus, when only the rib is eaten. A delicious vegetable that can be very easily grown. The outer leaves should either be cut off close to the base of the plant or pulled off when young, and may be picked continuously from June until frost, for when the leaves are cut others take their places very rapidly. Cooked and eaten like spinach. Swiss Chard is rapidly growing in favor in America. Europeans value it very highly. Seed may be sown in April or May, in drills eighteen inches apart and an inch and a half deep. Thin the plants to ten or twelve inches apart and cultivate the same as for the common Red Beet.

**Beck's Improved Sea Kale** A variety of Beet with tender leaves, popular for cooking as "greens"; if sown at the same time as the garden Beet it will be fit for greens much earlier. The large leaves may be cut from time to time all summer. The middle of the leaf is cooked and served like Asparagus; the other portions used like Spinach. Packet, 5 cents; oz., 15 cents;  $\frac{1}{4}$  lb., 40 cents; lb., \$1.25.

**Large-Ribbed Scarlet Brazilian.** Stems and veins a beautiful crimson color; fine for garnishing. Packet 5 cents; oz., 15 cents;  $\frac{1}{4}$  lb., 40 cents; lb., \$1.25.

**Large-Ribbed Yellow Brazilian.** Same as above, except in color, which is golden yellow. Packet, 5 cents; oz., 15 cents;  $\frac{1}{4}$  lb., 40 cents; lb., \$1.25.

**Large-Ribbed Silver.** Packet, 5 cents; oz., 15 cents;  $\frac{1}{4}$  lb., 40 cents; lb., \$1.25.

## BORECOLE or KALE

A hardy plant of the Cabbage family, of easy culture, extensively grown for greens. Sow seed early in June and transplant. Culture same as for Cabbage. One ounce will sow 300 of feet drill.

Packet, 5 cents; oz., 10 cents; lb., \$1.00.

**Tall Green Curled Scotch.** Finely curled; very hardy; one of the best.

**Dwarf Green Curled Scotch.** Dwarf, beautifully curled, and bright green; hardy, and may be cut from the ground all the early part of winter.

### 50 Cts. - VICK'S VEGETABLE COLLECTION - 50 Cts.

SEVEN FINE VEGETABLES FOR THE HOME GARDEN

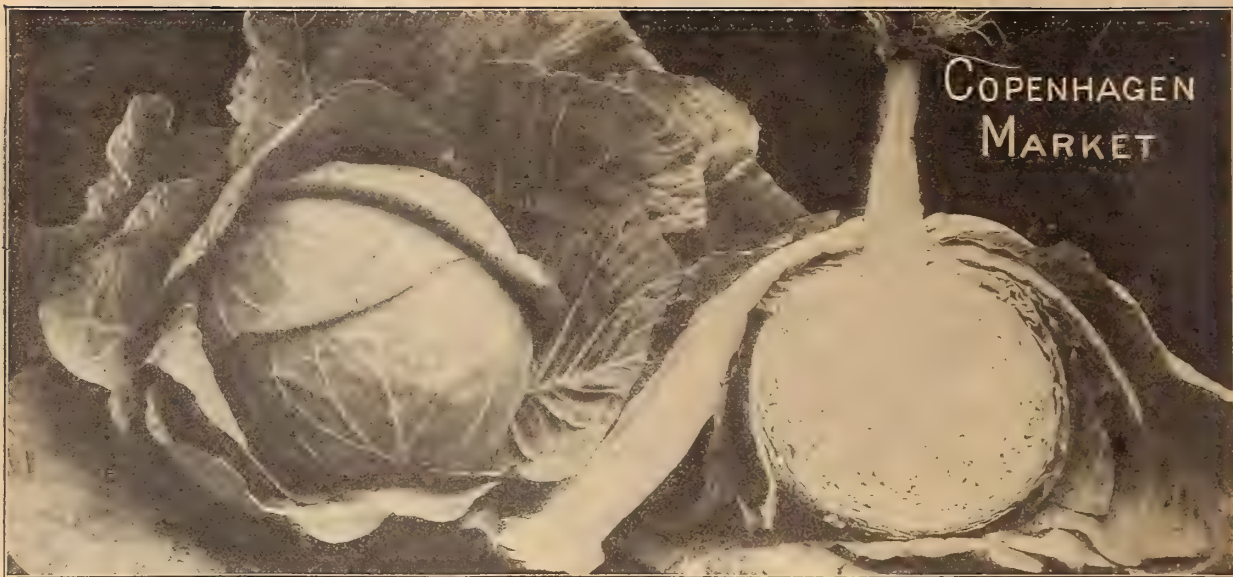
One Packet of Each of the Following: Boston Unrivalled Peas, Vick's Golden Nugget Sweet Corn, Refugee Wax Beans, Detroit Dark Red Beets, Vick's Extra Early Strain Globe Radish, Vick's Special Strain Big Boston Lettuce, Vick's Own Selected Yellow Globe Onions. Seven Packets (One Each of the Above) for 50 cts. Pictured in colors on inside of the front cover



DWARF GREEN CURLED SCOTCH KALE

If you are fond of greens nothing will suit you better than Swiss Chard. Try some in your garden this season





## VICK'S CABBAGE

Kopfkohl, Ger.

Col repello, Span.

Cavolo Cappuccio, Ital.

**E**ARLY Cabbage is a most important crop for the gardener and trucker, while each year late varieties become more valuable to the man who has a small farm. Realizing the importance of providing only the best varieties, we have given special attention to our stock of Cabbage seed, and we believe our strains are the very best obtainable at any price.

Plant the large varieties three feet apart; the small, early sorts, eighteen inches to two feet, setting the plants down to the first leaf. About four ounces of seed are required per acre.

To those growing for market we shall be pleased to quote special prices on large lots.

**Selected Early Jersey Wakefield.** The heads are conical in shape, solid, and compact. The quality is very firm, sweet and tender. Without doubt the most popular extra early variety.

Packet, 5 cents; oz., 25 cents;  $\frac{1}{4}$  lb., 75 cents; lb., \$2.75.

**Charleston, or Large Wakefield.** A strain of Wakefield in which the heads are decidedly larger and not so pointed, and about a week later.

Packet, 5 cents; oz., 25 cents;  $\frac{1}{4}$  lb., 75 cents; lb., \$2.75.

**20th Century.** This variety, introduced by ourselves in 1900, came to us from Denmark, the home of the famous Danish Ballhead Winter Cabbage, and is without exception the earliest round head Cabbage yet introduced. The heads are round medium sized, and solid as a cannon ball.

Packet, 5 cents; oz., 25 cents;  $\frac{1}{4}$  lb., 85 cents; lb., \$3.00.

**Early Winnigstadt.** A distinct second early sort, and an old favorite for general cultivation. Very hardy, and a sure-heading variety. The heads are uniform in size, sharply conical in shape, and very solid. It is especially valuable for early use, but also on account of its solidity, and short, thick leaves, it is a good winter Cabbage.

Packet, 5 cents; oz., 25 cents  $\frac{1}{4}$  lb., 75 cents; lb., \$2.50.

**All-Head Early.** Deep, flat head. Very uniform in size and color. The earliest of all extra large Cabbages. The leaves are compact, so will stand close planting. A good keeper, desirable for both early fall or winter.

Packet, 5 cents; oz., 35 cents;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50.

**Improved Early Summer.** It is a large-heading, second early variety, nearly round, somewhat flattened, solid and uniform in size, and will keep longer with out bursting than most of the early sorts.

Packet, 5 cents; oz., 25 cents;  $\frac{1}{4}$  lb., 75 cents; lb., \$2.50.

**Copenhagen Market.** One of the very best early Cabbages either for the home garden or for market purposes. Everyone familiar with Cabbage knows the old and popular Danish Ballhead, the best of all the late Cabbages. This new extra early variety, ripening with Charleston Wakefield, also originated in Denmark, and is as good, in its class, as the old favorite Danish Ballhead. The stem is short, the head round and solid. When ready for cutting, Copenhagen Market is the heaviest of the extra early varieties, and if left until fully mature, frequently weigh eight to ten pounds. The leaves are small, compact and close to the head so it will stand close planting. The inside is fine grained, tender, pure white and compact. Either for the home garden or market it is one of the leaders.

**Best Danish grown,** Packet, 5 cents;  $\frac{1}{2}$  oz., 20 cents; ounce, 30 cents;  $\frac{1}{4}$  lb., 90 cents; lb., \$3.00.

**Holland grown,** Packet 5 cents;  $\frac{1}{2}$  oz., 15 cents; oz. 25 cents;  $\frac{1}{4}$  lb., 75 cents; lb., \$2.50.

**Glory of Enkhuizen.** One of the best second early varieties. Earlier than All Seasons, very solid, nearly round, approaching closely in this respect the new "Copenhagen Market," as it does also the hardness and solidity of that variety. It has few outer leaves and can be set closer than other varieties. It is an excellent variety to follow "Copenhagen Market." Packet, 5 cents;  $\frac{1}{2}$  oz., 10 cents; oz., 25 cents;  $\frac{1}{4}$  lb., 75 cents; lb., \$2.50.

**Improved American Savoy.** The Savoy Cabbages deserve to be better known in America. They are superior to other Cabbages for cooking, having greater tenderness and delicacy of flavor. Improved American Savoy is the best of all either for market or kitchen garden, and a reliable header. The heads are large, solid, and possess a fine delicate flavor. The curled and crimped leaves are of a dark rich green color.

Packet, 5 cents; oz., 25 cents;  $\frac{1}{4}$  lb., 75 cents; lb., \$2.75.



IMPROVED AMERICAN SAVOY

Vick Quality in Cabbage Seed may make all the difference between a crop of cabbage heads and a crop of cabbage leaves



**Volga.** We consider this a very profitable Cabbage for a fall crop. The heads are extremely solid, large, round as a ball, of uniform size, and do not crack; few outer leaves and a short stem. Not only do our field tests on our own trial grounds prove its worthiness, but many of our customers prefer it to any similar variety.

Packet, 5 cents; oz., 25 cents;  $\frac{1}{4}$  lb., 85 cents; lb., \$3.00.

## All Seasons

A very superior, sure-heading, long-keeping sort, unsurpassed by any other. The heads are large, nearly round, somewhat flattened, very solid, and in quality the best. Packet, 5 cents; oz., 25 cents;  $\frac{1}{4}$  lb., 85 cents; lb., \$3.00.

**Autumn King or World Beater.** Grows to an enormous size, making heads as solid as a rock, and coming uniformly true to type. It can be relied upon to produce a greater weight of crop from the same space of ground than most of the late sorts, having few outer leaves.

Packet, 5 cents; oz., 25 cents;  $\frac{1}{4}$  lb., 75 cents; lb., \$2.50.

**Louisville Drumhead.** A variety grown largely by market gardeners in the Southwest. It stands hot weather better than most sorts, and is a sure cropper.

Packet, 5 cents; oz., 25 cents;  $\frac{1}{4}$  lb., 75 cents; lb., \$2.50.

**Improved Succession.** A popular sort, about ten days later than Early Summer. Heads large, uniform, solid and of excellent quality. Keeps well after cutting.

Packet, 5 cents; oz., 25 cents;  $\frac{1}{4}$  lb., 85 cents; lb., \$3.00.

**Premium Late Flat Dutch.** An old, reliable, and popular Cabbage.

It produces large, solid heads of superior quality, keeping in best condition for a long time. Packet, 5 cents; oz., 25 cents;  $\frac{1}{4}$  lb., 75 cents; lb., \$2.50.

**Mammoth Rock Red.** This is a fine red Cabbage and a most reliable header. The quality is excellent. The head is extra large, round, very solid and of a deep red color.

Packet, 5 cents; oz., 25 cents;  $\frac{1}{4}$  lb., 75 cents; lb., \$2.50.

**Stonehead (Round Red).** A new variety of Red Cabbage, full of good qualities. Almost as hard as a rock. Rich dark red, large, round heads, measuring eight inches in diameter, uniform in size. Fine quality, keeps well through the winter. Short-stemmed and compact in growth. The growers of Denmark have introduced a number of splendid varieties in the past few years. Stonehead is one of them. Packet, 5 cents;  $\frac{1}{2}$  oz., 20 cents; oz., 30 cents;  $\frac{1}{4}$  lb., 90 cents; lb., \$3.00.

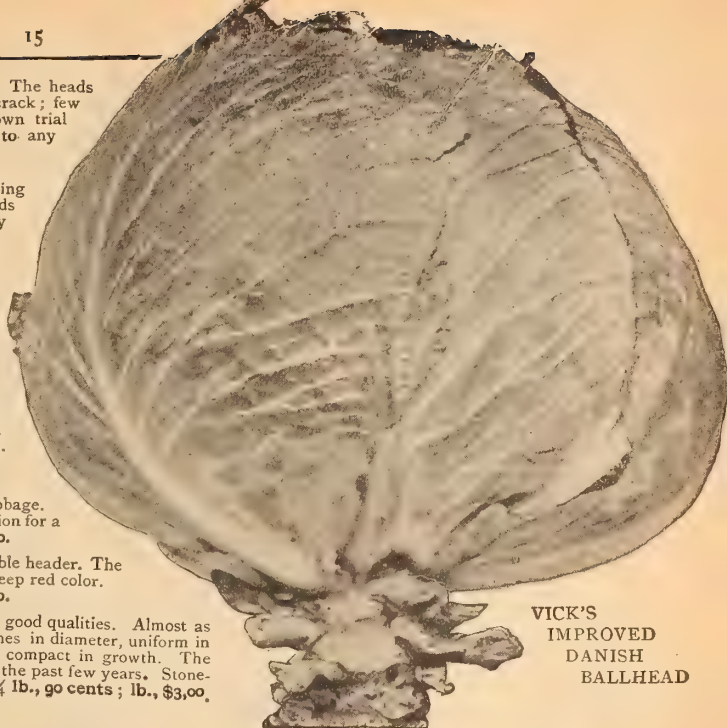
## Chinese or Pe-Tsai Cabbage

This is often called Celery Cabbage on the market, and when well grown, resembles Cos Lettuce. It grows rapidly and matures heads in less time than other varieties.

The leaves, when young, are crimped and of a light green color. The plant, as it becomes older, grows more upright and forms heads much like Cos Lettuce. The inner leaves blanch an attractive light yellow or creamy white with very white mid ribs. It is of distinctive flavor, very mild and pleasant. It can be served as a salad like Lettuce or cooked like other Cabbages.

Chinese Cabbage should be sown in this latitude at the same time as Turnips, after the first of July. Early plantings run quickly to seed in hot weather. Sow in drills 14 to 20 inches apart, and thin the seedlings 2 or 3 times, or, if grown for the market, start in boxes and transplant like late Cabbage.

Pkt., 10 cents;  $\frac{1}{2}$  oz., 25 cents; oz., 45 cents;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.00



VICK'S  
IMPROVED  
DANISH  
BALLHEAD

## Vick's Improved Danish Ballhead.

Heads hard, solid tender, and crisp. The leading late sort. Danish Ballhead is more largely grown for market than any other late variety, and without a doubt is the best of the late sorts. It frequently commands a higher price in the market than any other late variety. It is remarkable for the solidity of its heads and long-keeping qualities. The heads are of medium size, measuring from eight to ten inches in diameter, with few outer leaves, admitting of close-planting; exceedingly fine-grained, hardiest of all, tender, crisp, solid, with no waste heart. Under fair conditions will average six pounds per head. While there are many strains of Danish Cabbage, innumerable, tests prove that our stocks are without a superior.

Packet, 5 cts.;  $\frac{1}{4}$  oz., 10 cts.; oz., 25 cts.;  $\frac{1}{4}$  lb., 75 cts.; lb., \$2.50.

## Vick's Short-Stemmed Early Danish Ballhead.

A choice strain selected from the famous Danish Ballhead Cabbage, that has become one of the best and most popular sorts both for home and market growing. The heads are very large; as round as balls and as solid as bullets. It is short-stemmed and as strong and vigorous as any American variety. Fully two weeks earlier and will keep and ship as well as Danish Ballhead. Packet, 5 cents;  $\frac{1}{4}$  oz., 10 cents; oz., 25 cents;  $\frac{1}{4}$  lb., 75 cents; lb., \$2.50.

The Danish Ballheads are particularly adapted to the Northern States, and do not reach perfection in the warm southern climates.

Since we first introduced the old fashioned strain of Danish Ballhead years ago the variety has been steadily improved. We have sold a good many tons of both Improved Danish Ballhead and Short-Stemmed Early Ballhead, and it is safe to say that in a very large percentage of cases growers have found the use of our Seed a money making proposition. Occasionally crops may be large and prices low, or prices high and crops short, but for the man who grows our strain of Danish Ballhead year after year in a business like way, not merely once in a while—gambler fashion—there is money in Vick's Danish Ballhead Cabbage.

### OTHER STANDARD VARIETIES OF CABBAGE

Early Spring Fottler's Improved Brunswick  
Early Drumhead Large Late Drumhead  
Surehead Warren Stone Mason  
Packet, 5 cts.; ounce, 25 cts.;  $\frac{1}{4}$  lb., 60 cts.; pound, \$2.00.



ALL SEASONS CABBAGE

'Set out a reasonable acreage of Vick's Quality Cabbage both early and late. Do it every year. It will surely pay.



# VICK'S CARROTS

For the, Home Market Garden and Farm

For garden culture, sow in drills sixteen to eighteen inches apart, covering the seed half an inch to an inch deep. For field culture, sow in drills from twenty to thirty inches apart, and when plants are one to two inches high thin out from three to eight inches apart in the rows, according to the variety. One ounce will sow 100 feet of drill; three to four pounds to an acre.

All our leading stocks are French grown.

**Earliest French Forcing.** The earliest of all varieties, and especially adapted for cultivation under glass, both on account of its earliness and the shortness and small size of its roots. It is also one of the best sorts for the table; delicate, fine grained, and remarkably fine flavored. It is also used by gardeners for bunching for early market.

Root orange-red. Top very small.

Packet, 5 cents; ounce, 20 cents;

¼ pound, 65 cents; pound, \$2.25.

**Early Scarlet Horn.** This is a favorite for early crop, but not large, sold extensively in all markets bunches. The tops are small; roots top-shaped, stump-rooted, therefore easily pulled. Grows well in shallow soil.

Packet, 5 cents; ounce, 20 cents;

¼ pound, 65 cents; pound, \$2.25.

**Half - long Nantes Stump-rooted.** Of medium size, admirably adapted for bunching, and one of the best for summer use in the home garden. Roots about six inches long, very smooth and cylindrical, with no core; very sweet and tender.

Packet, 5 cents; ounce, 20 cents;

¼ pound, 65 cents; pound, \$2.25.

**Chantenay Stump-rooted.** One of the best early Carrots in cultivation. In shape it is midway between the Half-Long Nantes Stump-Rooted and the Guerande or Oxheart varieties, nearly equaling the former in length, and having the broad shoulder and tapering root of the latter. Its color is orange-red; the flesh crisp and tender.

Early and a heavy cropper. A Carrot which market gardeners should plant for main crop.

Packet, 5 cents; ounce, 20 cents; ¼ pound, 60 cents; pound, \$2.00.

**Guerande or Oxheart.** This variety has given great satisfaction. While not attaining one-half the length of many other varieties it will compare favorably in bulk of crop, as on good land it will produce Carrots four to six inches in diameter. The crop can be pulled by hand. Excellent for table use, as well as for stock. Roots are about six inches long, smooth and cylindrical; no core; sweet and tender.

Packet, 5 cents; ounce, 20 cents; ¼ pound, 60 cents; pound, \$2.00.

**Danvers Half-Long Orange.** A first-class variety; flesh dark orange. The smooth, handsome roots are of medium length, tapering uniformly to a blunt point; flesh sweet, crisp and tender. A great favorite with market gardeners; also valuable for a field crop.

Packet, 5 cents; ounce, 20 cents; ¼ pound, 65 cents; pound, \$2.25.

**St. Valery Intermediate.** One of the best and handsomest main-crop Carrots. The roots are symmetrical, tapering regularly from the shoulder to tip, smooth, and free from side roots. Enormously productive. Very desirable for private gardens, as well as for market.

Packet, 5 cents; ounce, 20 cents; ¼ pound, 65 cents; pound, \$2.25.

**Improved Long Orange.** It grows to a large size, some specimens measuring twelve inches in length. Enormous crops can be grown under fair culture. One of the best varieties for feeding stock.

Packet, 5 cents; ounce, 15 cents; ¼ pound, 50 cents; pound, \$1.75.

**Improved Short White (Vosges).** For a field Carrot this is unequalled. The roots are short, very heavy at the shoulder, tapering to a point, and therefore easily harvested. Especially suited to shallow soils.

Packet, 5 cents; ounce, 15 cents; ¼ pound, 50 cents; pound, \$1.50.

**Belgian Carrots.** The great stock-feeding Carrots of Europe. Grow to a large size. Very productive. Orange Belgian, White Belgian, each Packet, 5 cents; ounce, 15 cents; ¼ pound, 50 cents; pound, \$1.50.

For the home garden, delicately flavored Carrots; for Farmer and Stockman the heavy tonnage, money-making sorts.



CHANTENAY  
STUMP-ROOTED  
CARROTS

## CIVES OR CHIVES

These are very hardy perennial plants, belonging to the Onion family.

They are grown exclusively for their tops, which are used for giving a mild onion-like flavor to soups, stews, etc. Planted in clumps in any good garden soil, they grow readily, and increase so as to render a division necessary. The tops appear very early in spring, and can be cut through the season.

Roots, per bunch, 25 cents, by mail, prepaid.

## CORN SALAD, Feticus

A favorite salad plant in Europe, used in winter and spring as a substitute for Lettuce. The leaves are sometimes boiled and served as Spinach. It is hardy and quick-growing. Sown in August and September, in drills one foot apart, and protected with a few leaves or straw during winter, it can be gathered very early in spring. Sown in April it is soon fit for use. The soil for Corn Salad should be very rich. Sow two ounces to 100 feet of drill.

Packet, 5 cents; oz., 10 cents; ¼ pound 20 cents, lb. 70 cents.

## CRESS, Peppergrass

Cress should be sown in a hotbed or in a sheltered spot in the garden, quite thick, in shallow drills, and in a short time it will be fit for cutting. It gives a pungent relish to Lettuce, and other salad plants. A fresh lot should be sown every week, as it matures very rapidly and is useful only when young.

Packet, 5 cents; oz., 20 cents; lb., \$1.00, except where noted.

**Fine Curled.** Superior; will bear cutting several times.

**Broad-Leaved Garden.** Sometimes used for soups.

**Australian.** Leaves delicate green; flavor mild and fine.

**Water.** Does well without care in mucky situations, or on the edge of streams, in shallow water. Packet, 10 cents; oz., 35 cents; lb., \$3.50.

## DANDELION

Sow as early in spring as the weather will permit, in well-enriched soil, in rows eighteen inches apart, covering the seed one-fourth of an inch deep. Thin the plants to twelve inches apart. Keep clear of weeds, and the following spring the leaves will be fit to cut. One ounce is sufficient for 100 feet of drill.

**Improved Thick-Leaved.** This variety considered one of the best for spring "greens." Packet, 10 cents; oz., 35 cents.

**Common.** Packet, 5 cents; oz., 25 cents.

### 50 Cts. - VICK'S VEGETABLE COLLECTION - 50 Cts. SEVEN FINE VEGETABLES FOR THE HOME GARDEN

One Packet of Each of the Following:

- |  |                                   |
|--|-----------------------------------|
| 1 Boston Unrivalled Peas                   | 1 Vick's Golden Nugget Sweet Corn |
| 1 Refugee wax Beans                        | 1 Detroit Dark Red Beets          |
| 1 Vick's Extra Early Strain Globe Radish   |                                   |
| 1 Vick's Special Strain Big Boston Lettuce |                                   |
| 1 Vick's Own Selected Yellow Globe Onions  |                                   |

SEVEN PACKETS (One Each of the Above) for 50 cents

Pictured in colors on the inside of the Front Cover



# VICK'S PARIS GOLDEN DWARF SELF-BLANCHING CELERY



PARIS GOLDEN DWARF SELF-BLANCHING CELERY

**If you are growing for market write for special prices on any seeds you may need**

Celery seed is slow to germinate, and when early plants are wanted it should be sown in a hotbed in February or March, barely covering the seed. When the plants are large enough, transplant into coldframes, one and one half inches apart; water and attend carefully; keep the temperature moderate; and when the weather is suitable, from middle of May till June, transplant into the open ground. For main crop or home garden, sow in shallow drills in the open ground, as soon as the soil can be worked. Rolling or pressing in the seed will give more satisfactory results than merely covering it. See that the bed is kept well watered. When the plants are two inches high, thin out to three inches apart in the rows; and when four inches high, cut off the tops to make the plants stocky. The best time to plant is that which will bring the plants to maturity during the cool, moist weather—in this locality from the middle of June to early in July. Never hoe or earth up in moist weather, nor when the plants are wet with dew, as it would cause serious injury. One ounce of seed will produce 4,000 to 5,000 plants. One-fourth to one-half pound per acre.

## Paris Golden Dwarf Self-Blanching

**No other Celery offered to the American people approaches this variety in quality, flavor, color or habit of growth**

Paris Golden Dwarf Self-Blanching forms a solid stalk, tender and crisp; the delicate cream-yellow color makes it attractive when offered for sale as well as inviting when on the table. The flavor is of the best—rich and nutty. In habit of growth it is dwarf, stocky, uniform in height, and very compact. This variety originated in France and our seed is grown by the originator, who ships it directly to us; it is the best that money will buy.

Celery growers, especially market men, should be very careful about their celery seed. There are a good many grades of French grown seed, and under the demoralized conditions prevailing abroad at the present time, less dependence can be placed upon French grown seed than ever before. Therefore, every pound of French seed we offer this year will come from stock which we have tested thoroughly. We know that our French grown Golden Self-Blanching is true and of high quality. The writer has recently seen several acres of Celery grown from this stock in which not one plant in a thousand showed the slightest deviation from type. Large growers can use it with absolute confidence in its purity and quality.

**Packet, 20 cents; ½ oz., 75 cents; oz., \$1.25; ¼ lb. \$3.75.**

## Vick's American Grown Self-Blanching Celery

It has for years been a well recognized fact that the best strains of Celery, especially of the Self Blanching kind, come from a small section of France. Up to two years ago we had never found a strain of American seed in which we had the slightest confidence.

Owing to the conditions in Europe, it has been a difficult matter to secure seeds from that source. We, therefore, arranged with one of the leading growers of Celery in this country, to produce a crop of seed from the original French stock. This seed has been thoroughly tested and has proven very similar to the French in style of growth, solidity and color. One of our leading Celery growers in this vicinity will use all American grown seed this year. After testing it carefully last summer, and comparing it with the best French strain, he pronounces it their equal in every way. There is considerable difference in their prices and undoubtedly many growers will use American stock.

**Packet, 10 cent; ½ Oz. 40 cents; Oz. 75 cents; ¼ lb. \$2.00.**

**Rose-Ribbed Paris Self-Blanching.** This magnificent sort comes to us from the originator, the grower of our market garden strain of Golden Self-Blanching, and resembles in general character that most valuable variety. The stalks are large, thick, and beautiful, tinted with rose color at the base, while the upper part of the stems, particularly the hearts, are a deep, rich yellow.

**Packet, 15 cents; one-half oz., 75 cents; oz., \$1.25**

**White Plume.** A variety especially adapted to cultivation by amateurs as its inner stalks and leaves are naturally white, and do not require blanching by the old process of high banking. By tying up the stalks and drawing up the soil with the hoe, the work of blanching is complete. Tender crisp, and of good flavor.

**Packet, 10 cents; half oz., 30 cents; oz., 50 cents; ¼ lb., \$1.75.**

**Giant Pascal.** This is a selection from the Golden Self-Blanching Celery. The stalks are very large, thick, solid, and crisp and keep well into the winter. It has a fine nutty flavor, and is free from any trace of bitterness. It blanches with but slight earthing up and retains its freshness a long time after being marketed.

**Packet, 5 cents; half oz., 20 cents; oz., 35 cents; ¼ lb., \$1.00.**

**Improved Golden Heart.** A selection from the old favorite Golden Heart Celery. Grown extensively for private use as well as for market. **Improved Golden Heart** is one of the finest late varieties. The heart, when blanched is a rich golden yellow.

**Packet, 5 cents; half oz., 15 cents; oz., 25 cents; ¼ lb., 75 cents.**

**Winter Queen.** A splendid new variety, having the long keeping qualities of the winter celery and blanching easily, like the Golden Self-Blanching. Hardy, vigorous and of fine quality. The stalks are rounder than those of Golden Self-Blanching and the heart very large, creamy white, brittle and delicious.

**Packet, 5 cents; half oz., 15 cents; oz., 25 cents; ¼ lb. 75 cents.**

**Turnip-Rooted (Celeriac) Large Smooth Prague.** An improved form of the Turnip-rooted Celery. Roots large, round and smooth, and free from side roots; a profitable variety for market gardeners. Sow seed same as Celery, transplant into rows two feet apart and about six to eight inches in the row. No earthing up is required for Celeriac, as it is the roots which are the edible portion of the vegetable.

**Packet, 5 cents; ½ oz., 20 cents; oz., 35 cents; ¼ lb., 90 cents.**

**Celery Seed for flavoring. Excellent. Ounce, 10 cents; lb., 70 cents.**

### 50 Cts. - VICK'S VEGETABLE COLLECTION - 50 Cts.

SEVEN FINE VEGETABLES FOR THE HOME GARDEN

One Packet of Each of the Following:

- |  |                                   |
|--|-----------------------------------|
| 1 Boston Unrivalled Peas                   | 1 Vick's Golden Nugget Sweet Corn |
| 1 Refugee Wax Beans                        | 1 Detroit Dark Red Beets          |
| 1 Vick's Extra Early Scarlet Globe Radish  |                                   |
| 1 Vick's Special Strain Big Boston Lettuce |                                   |
| 1 Vick's Own Selected Yellow Globe Onions  |                                   |

SEVEN PACKETS (One Each of the Above) for 50 Cents

Pictured in colors on the inside of the Front Cover

**For the Home Garden, Golden Dwarf Paris Self-Blanching, very attractive color, exceedingly tender and of excellent flavor**



# Vick's Sweet Corn

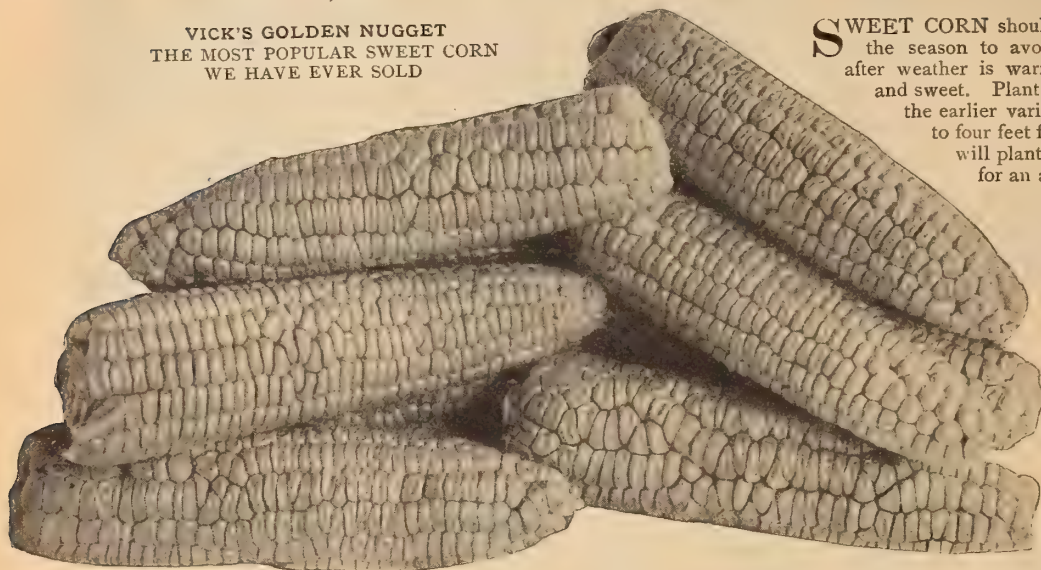
Welschkorn, Ger.

Maiz, Span.

Mais, Ital.

**VICK'S GOLDEN NUGGET**  
THE MOST POPULAR SWEET CORN  
WE HAVE EVER SOLD

**S**WEET CORN should be planted late enough in the season to avoid cold weather. Does best after weather is warm and soil becomes mellow and sweet. Plant in hills, three feet apart for the earlier varieties, and three and one-half to four feet for the late ones. One quart will plant 200 hills; eight to ten quarts for an acre in hills.



## Vick's Golden Nugget

The most popular Sweet Corn we have ever sold.

Ripens only a few days after the Golden Bantam.

The greatly increasing demand for our Golden Nugget Corn has made it absolutely necessary for us to add each year to the number of acres of this variety on our Seed Farms to fill our orders. Its hardiness and productiveness are two of its strongest characteristics. Notwithstanding the general failure of the corn crop in all sections of the country this year, Golden Nugget produced the largest and best crop we have ever grown. It produces from two to four ears to a stalk. The ears are large, from one and a half to two inches in diameter, and fully seven inches long. There are 10 to 14 rows of plump, tender, sweet and milky kernels. It is particularly attractive when cooked, showing a rich creamy color—and it tastes just as good as it looks, far excelling any other yellow variety except Golden Bantam in quality and flavor. In season Vick's Golden Nugget follows Golden Bantam, maturing about a week later, when planted at the same time. The plants of Golden Nugget are from one to two feet taller, the ears are larger and there are more ears to the stalk; making the yield double that of Golden Bantam.

Vick's Golden Nugget is grown on our own farm, cultivated with the idea of producing the very best corn obtainable.

Vick's Golden Nugget is frequently specified on the menus of the largest and finest hotels in New York, Philadelphia, Chicago and other cities.

Packet, 10 cents; half pint, 20 cents; pint, 30 cents.

For prices on larger quantities, see page 42.

### FIRST EARLY VARIETIES

Packet, 10 cents; ½ pint, 20 cents; pint, 30 cents, except as noted.

For larger quantities see our special low prices on page 42.

**Vick's Earliest of All.** This is in fact the "earliest of all." Very excellent, tender, and sweet. To market gardeners this variety is of great value, as the first Sweet Corn will bring two or three times the price it commands when the supply becomes general. Also desirable for home garden.

**Mammoth White Cory.** An excellent sort, but little later than Earliest of All. In fact our selection of seed stock and careful growing of this strain make it the largest and best extra early in our list. The stalks are large, while each stalk bears two or more large, fine-shaped ears, twelve-rowed; remarkable for its good quality for so early a sort. All gardeners who cater to the best trade should plant this variety.

**Early Minnesota.** An old and popular dwarf variety. Ears fine, of good sweet quality. Desirable for both the market and private garden.

**Extra Early Golden Bantam.** Golden Bantam is early, very hardy and will stand planting earlier in the season than other varieties. It grows about four feet high, bearing one or two medium sized ears of a rich, golden, yellow color. When cooked is exceedingly sweet and tender. It is considered one of the best and most popular varieties ever introduced.

Packet, 10 cents; ½ pint, 20 cents; pint, 35 cents.

**Kendel's Early Giant.** This variety is one of the largest Early Sweet Corns. It comes in soon after the Cory. Ears eight to ten inches long, 12 to 18 rowed, filled well to the tip with broad white, sweet kernels of excellent flavor. Stalks short, bearing one or two ears.

**Crosby's Early.** Remarkably early and of best flavor. Ears medium size; twelve-rowed; sweet and thick. Largely grown for canning.



### VICK'S GOLDEN NUGGET

Its great productiveness is one of its strongest points. Note the four ears to the stalk.

**Plant these varieties and have Sweet Corn on the table practically all summer:**

Vick's Earliest of All  
Early Evergreen

Extra Early Golden Bantam  
Stowell's Evergreen

Vick's Golden Nugget  
Country Gentleman

Each a good variety in its season

If you do not grow your own Sweet Corn always insist on Vick's Golden Nugget when buying from your grocer



# Medium and Second Early Corn

Packet, 10 cents;  $\frac{1}{2}$  pint, 20 cents; pint, 30 cents. For prices on larger quantities, see page 42.

**Perry's Hybrid Sugar.** A very popular and remarkably long-eared sort for one so early. Ears ready for use a few days later than the Early Cory and Minnesota, but double the size of either. Ears twelve-rowed; kernels large, tender and deliciously sweet. Stalks of great vigor, about six feet high, with two perfect ears to the stalk.

**Early Evergreen.** This fine variety is from ten to twelve days earlier than Stowell's; and though it is not quite as tall, it yields large, handsome ten or twelve-rowed ears.

Pkt. 10 cts;  $\frac{1}{2}$  pint, 25 cents; pint, 35 cents; for larger quantities see page 42.

**Early Mammoth.** The earliest, sweetest, and largest of the mammoth sweet varieties. Probably no other Sweet Corn will yield as much fodder, and for this reason it is extensively planted, to be fed green or dry.

**Potter's Excelsior (Squantum).** A well-known sort, extensively grown for market and canning purposes. It is remarkably sweet, and wonderfully productive.

**Stowell's Evergreen.** For many years this variety has stood at the head of the list of late Sweet Corn, and it bids fair to hold the position for years to come. For main late crop, for the family garden, for the market grower and the canner, it is unexcelled. Stalk strong, bearing two 12-rowed ears with large sweet kernels. Remains in good condition for some time after gathering, thus continuing the season after frosts.

Pkt. 10 cts;  $\frac{1}{2}$  pint 25 cents; pint, 35 cents; for larger quantities see page 42.

**Black Mexican.** The ripe grain of this novel variety is black or bluish black, but when in condition for the table looks remarkably white. This is considered the sweetest and most tender of any variety of Sweet Corn.

**Country Gentleman.** A delicious Corn for family use. The ears are good-sized and produced in great abundance. Its long, small, milky kernels are full of sweetness; the cob is small, and the corn white and tender; it is sure to please. It is somewhat later than Stowell's Evergreen.

Pkt. 10 cts;  $\frac{1}{2}$  pint, 25 cents; pint, 35 cents; for larger quantities see page 42.

**Mammoth Late Sugar.** Green ears of this variety have been exhibited weighing from two to three pounds. The sweetest and largest of all the late mammoth sweet sorts. Valuable also on account of its yield of stalks for fodder.

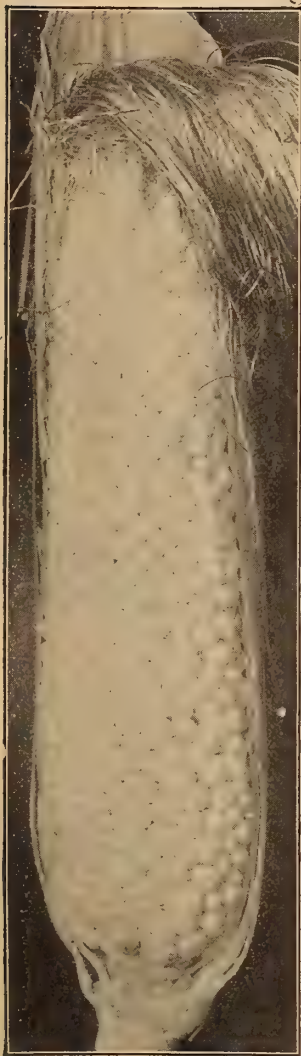
**POPCORN.** Shelled corn, packet 10c;  $\frac{1}{2}$  pint 15c; pint 25c; quart 40c; all postpaid to address.

**White Rice.** Most popular for general use. Kernels white, and sharp pointed.

**Queen's Golden.** Fine yellow variety; pops creamy white.

**Silver Lace.** White grained variety; very high quality

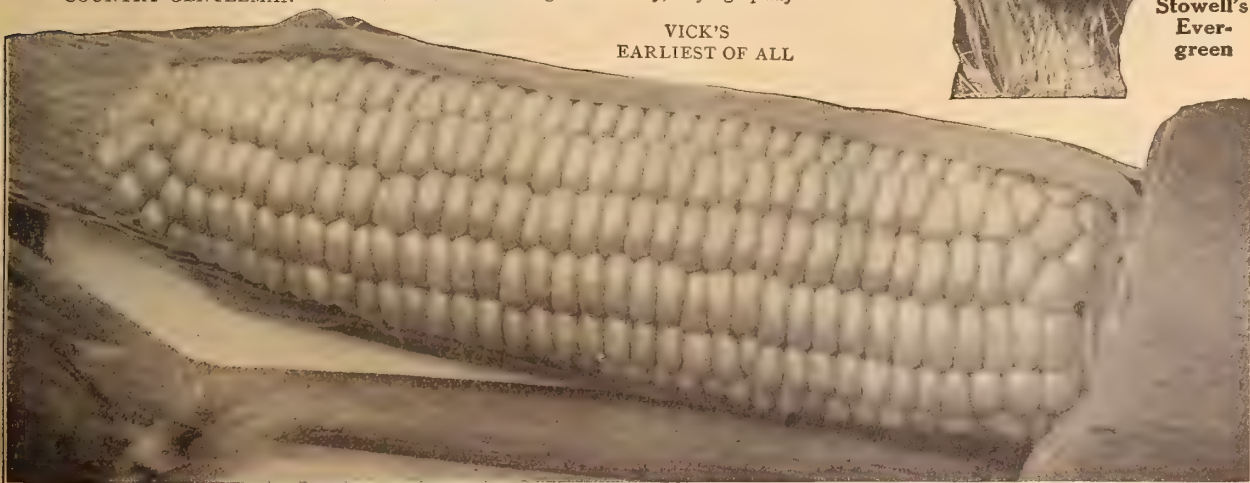
VICK'S  
EARLIEST OF ALL



COUNTRY GENTLEMAN



Stowell's  
Evergreen





# VICK'S FIELD CORN

Eight to ten quarts per acre in hills; one bushel in drills; two bushels if sown broadcast, are required per acre.

The prices on all varieties of Field Corn listed on this page are net. Express or Freight charges collect. If wanted by Parcel Post, see rule on page 42. Please add cost of bags when ordering, as follows: For each peck, 10 cents; for each 1 to 2½ bu., 22 cents.

**Iowa Gold Mine.** It is early, ripening in 95 days. Can be grown successfully in the Northern Corn Belt. Ears are not extra large, but good size and symmetrical; color, bright golden yellow. Grain is very deep, cob small, and therefore dries out very quickly.

Quart, 20 cents; peck, 60 cents; bushel, \$2.25.

**Champion White Pearl.** Early, thoroughbred White Dent. Ears average sixteen rows, with very small cob; ripens in 90 to 100 days from time of planting. Very productive, yielding fully as well as the Yellow Dent sorts.

Quart 20 cents; peck, 60 cents; bushel, \$2.25.

**Early Mastodon.** An improved Yellow Dent, large yield, large grains, and early ripening. It has the largest number of rows on a cob, and the largest grains of any Corn ever originated; brings a high price in the market; medium height, grows rapidly, and ripens in 100 days. From 170 to 200 bushels per acre have been produced as far north as latitude 42° 30'. A popular variety for ensilage.

Quart, 20 cents; peck, 60 cents; bushel, \$2.25.

**Improved Early Sheeptooth.** (Fodder Corn). Earlier and better adapted for fodder and ensilage in the Northern States than the ordinary Southern Sheeptooth. The stalks are twelve to fourteen feet in height, enormously productive. This improved sort is superseding many other varieties for ensilage purposes.

Quart, 20 cents; peck, 60 cents; bushel, \$2.00.

**Sweet Fodder.** There is nothing better for green feed, or for curing for winter, than Sweet Corn. Cattle highly relish it, and when fed on it keep in fine condition and give an abundance of rich milk. It is also excellent for soiling. Sow in drills, one and one-half bushels per acre; or broadcast double the quantity.

Quart, 20 cents; peck, \$1.00; bushel, \$3.00.

**Pride of the North.** A sixteen-rowed Yellow Dent variety. Ears eight to ten inches in length; cob very small and red, with grain above medium size and closely set. It produces an enormous quantity of shelled corn to the amount of cob. Stalks six to eight feet, and frequently bearing two ears, an exceedingly early prolific variety. Used in the Northern States for ensilage only.

Quart, 20 cents; peck, 60 cents; bushel, \$2.25.

**Improved Leaming.** Similar to above in every respect, but about one week later in maturing. A very desirable variety for fodder. More largely used for ensilage in this latitude than any other variety.

Quart, 20 cents; peck, 60 cents; bushel, \$2.25.

**Eureka Ensilage.** Tall and very leafy in its growth, the Eureka Ensilage corn will produce a greater mass of fodder than any other variety. It has been thoroughly tested in northern latitudes and found to be excellent ensilage corn for New York and the New England states. On good soil it often attains a height of ten or twelve feet, as far north as Central New York, and matures sufficiently to make first class ensilage.

Quart, 25 cents; peck, \$1.00; bushel, \$3.00.

**Drought-Proof Yellow Dent.** As its name implies will stand more hot, dry weather than any other variety and produce large crops. It is desirable for all localities where Dent Corn is grown. It is of strong growth, maturing in from 90 to 100 days. Similar but better in every way than Golden Beauty. Ears large, cob unusually small, bright golden kernels. Try it and be convinced. Quart 25 cents; peck, 90 cents; bushel, \$2.75.

## Early Wonder White Dent

Every good farmer knows that Dent Corns possess a higher food value for stock feeding than the Flint varieties. In the Northeastern states the popularity of the Flint varieties is slow to make room for Dent Corns chiefly because most Dent varieties mature too slowly for the Northern states. We have worked up a stock of Early Wonder White Dent Corn which completely overcomes the old objections to Dent varieties. We have grown Early Wonder on our own farms for several years and know positively that it is a bigger yielding, earlier ripening variety than any other Corn we have ever seen. This year, in spite of unfavorable weather, in 90 days from planting, we harvested a splendid crop of pure white ears that measured from eight to ten inches in length. Corn experts, who saw the growing crop, agreed that our Early Wonder White Dent was the best of any variety they had seen in New York State this year. A well known Western corn man said he did not know that such fine Corn could be grown in New York State. We know of a good many farmers, who have raised splendid crops of Early Wonder this year, where their neighbors have failed with other varieties. Early Wonder White Dent will grow on poorer soils than yellow corn and give a good stand of strong plants. It combines the hardness of the Flint Corns with the large yielding qualities of the Dent, which fact makes it a profitable variety for either market or feeding purposes. The ears of Early Wonder White Dent are filled to the tips with large deep kernels. The cob is small for a Dent variety, so that a bushel of ears will yield a high percentage of shelled Corn. The ears dry quickly, husk and shell easily. Early Wonder White Dent grows much taller and has more foliage than the Flint varieties, and will yield a larger tonnage of green or dry fodder. Any farmer who wants to make the most of his Corn land, is urged to plant Early Wonder White Dent. It is certainly a "Money Maker." Price. Qt. 25 ct.; pk. 75 ct.; bu. \$2.50.

For quality and yield we recommend Early Wonder White Dent. An extra early field corn best for the Northern States



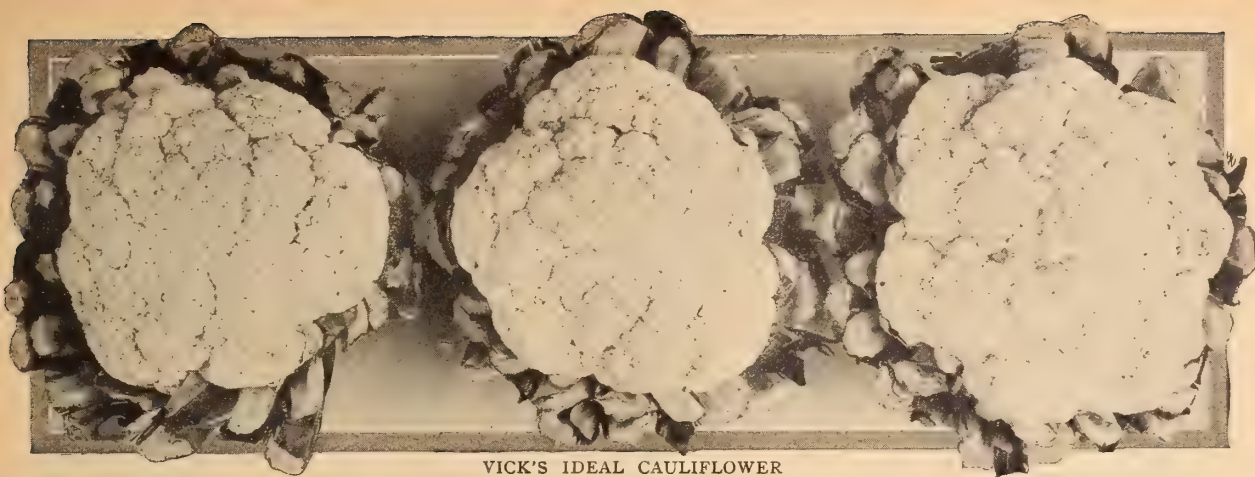
GENESEE VALLEY

**Genesee Valley.** A yellow, eight-rowed Flint variety originated by us through the crossing of popular Longfellow with a choice local stock. The cob is white, 12 to 15 inches in length and very slender. The grain is golden yellow, the kernels being large, plump and compactly set together covering both butt and tip. In our judgement it is the earliest, hardest and most productive variety of Flint Corn. The ground corn or corn meal is a rich golden yellow, so highly desired and eagerly sought for by the miller and baker. Genesee Valley, when well grown, yields a big crop of stalks; foliage is fine and especially desirable for fodder.

Quart, 25 cents; peck, 75 cents; bushel, \$2.50.







VICK'S IDEAL CAULIFLOWER

# VICK'S CAULIFLOWER

Blumenkohl, Ger.

Coliflor, Span.

Cavolfiore, Ital.

**CAULIFLOWER** demands a rich loamy soil and an abundance of water. Sow seed for an early summer crop in February or March, in a hotbed, and when plants are three or four inches high transplant four inches apart in boxes or frames. In the middle of spring, or as soon as the gardener deems it prudent, the plants can be removed to the open ground. Set plants from two to two and a half feet apart each way. For late Cauliflower sow seed in a cool moist place, in this latitude about the first of May. One ounce will produce about 3,000 plants.

**Vick's Ideal.** Unquestionably the leading variety for market and private use. For reliability of heading and size and solidity of heads it is superior to any other variety. It is almost sure to head, even under unfavorable circumstances, and will attain to enormous size under favorable cultivation. Packet, 20 cts;  $\frac{1}{4}$  oz., 75 cts.; oz., \$3.00.

**Vick's Danish Giant (Dry Weather).** Its main feature is the fact that it will stand an unusual amount of dry or warm weather and still produce perfect, large, solid heads. In districts where heretofore it has been impossible to grow Cauliflower, this fine variety has proven a success. It is ready for market or table about a week later than Erfurt Earliest Dwarf.

Packet, 20 cts;  $\frac{1}{4}$  oz., 75 cts.; oz., \$2.50.

**Early Snowball.** Next to Vick's Ideal we can recommend Early Snowball as one of the earliest and surest heading varieties. Its dwarf habit and short outer leaves allow it to be planted very close—eighteen to twenty inches apart. It is well adapted for forcing under glass throughout the winter and spring. It gives a pure snow-white, medium-sized head. Packet, 10 cts;  $\frac{1}{4}$  ounce, 60 cts; oz., \$2.00.

**Erfurt Earliest Dwarf.** This variety will stand the test with any extra early sort. It is very dwarf in habit, producing pure white heads of great solidity and finest quality; quite desirable for forcing or for planting in open ground. For a general all-round market garden variety we highly recommend the Erfurt strain.

Packet, 10 cts;  $\frac{1}{4}$  oz., 60 cts; oz., \$2.00.

**Early Paris, or Nonpareil.** This is a well known standard French variety, producing very early, good-sized, pure white heads, which are tender and delicious. Packet, 10 cts.;  $\frac{1}{2}$  oz. 40 cts.; oz., 75 cts.;  $\frac{1}{4}$  lb. \$2.50.

**Veitch's Autumn Giant.** A distinct and valuable late variety, producing large heads, pure white, firm and compact. Being thoroughly protected by the foliage the head remains a long time fresh and fit for use. Packet, 5 cts; oz., 50 cts;  $\frac{1}{4}$  lb., \$1.75.

**Large Late Algiers.** One of the best late sorts. Grown largely for fall use. It is a sure header, and endures uninjured a freeze that would materially affect other sorts.

Packet, 10 cts; oz., 75 cts;  $\frac{1}{4}$  lb., \$2.00.

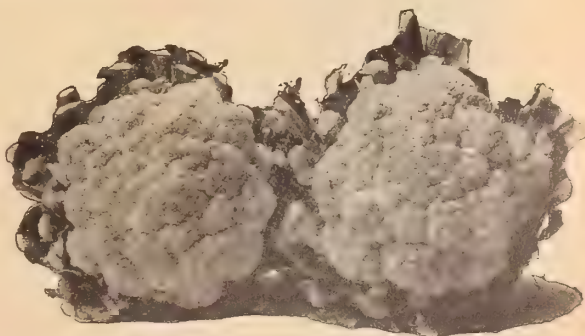


SAGE

With but very little care and practically no expense, you can have your own garden and raise vegetables enough to supply the table all summer long.

## USEFUL HERBS

	PKT.		PKT.
Anise, per ounce, 15 cents	5	Rue, per ounce, 30 cents	5
Balm, per ounce, 30 cents	5	Saffron, per ounce, 10 cents	5
Basil, Sweet, per ounce, 20 cents	5	Sage, per lb., \$2.00; per ounce, 20 cents	5
Borage, per ounce, 10 cents	5	Savory, Summer, per ounce, 20 cents	5
Caraway, per ounce, 10 cents	5	Savory, Winter, per ounce, 25 cents	5
Catnip, per ounce, 30 cents	5	Sorrel, French, per ounce, 15 cents	5
Coriander, per ounce, 10 cents	5	Tansy, per ounce, 20 cents	5
Dill, per ounce, 10 cents	5	Thyme	
Fennel, Large Sweet, per ounce, 10 cts.	5	Broad-Leaved, or Winter, oz., 40 cts.	5
Hoarhound, per ounce, 15 cents	5	Summer, per ounce, 40 cents	5
Hyssop, per ounce, 20 cents	5	Wormwood, per ounce, 20 cents	5
Lavender, (Lavendula spica,) oz., 20 cts.	5	Lavender Roots, by mail, each, 15 cts;	
True, (Lavendula vera,) ounce, 40 cts.	5	doz., \$1.50.	
Marjoram, Sweet, per ounce, 15 cents.	5	Sage Roots, by mail, each, 15 cents;	
Rosemary, per ounce, 40 cents	5	doz., \$1.50.	



EARLY SNOWBALL

We offer a very good selection of Vegetables in our Home Garden Collection, at a very reasonable price. Try it



# Cucumbers

Gurken, Ger.

Cohombro, Span.

Cetriolo, Ital.

We have tested these varieties on our trial grounds with many others; we also have the opinion of customers, and we believe they are far ahead of others for Home and Market Gardens

**I**N this latitude it is useless to plant in open ground until about the first of June. Make hills two feet in diameter and about six feet apart, and enrich them with well-rotted manure. Plant a dozen or more seeds in a hill, covering half an inch deep. When all danger from insects is over, pull all but three or four of the strongest plants. One ounce of seed for fifty hills; two pounds per acre, planted in hills.

Packet, 5 cts.; ounce, 10 cts.;  $\frac{1}{4}$  lb., 35 cts.; lb., \$1.00; except as noted.



VICKS PERFECTION WHITE SPINE

## Vick's Abundance.

Without a doubt by far the very best Cucumber we have ever grown. It is more prolific, of better shape, and of a richer dark green color than any other variety we know. Vick's Abundance was originated by one of the best market gardeners in the world-famous vegetable growing section near Rochester. The quality of Abundance is unsurpassed. It has a very small seed cavity and few seeds, and measures from 8 to 10 inches in length. Abundance is smooth and symmetrical, and has a beautiful, clear, dark green color. It does equally well in the greenhouse for forcing or outside in the garden.

Packet, 10 cents;  $\frac{1}{4}$  oz., 25 cents; oz., 75 cents.

**Vick's Improved Early White Spine.** Very popular in all sections of the country. Flesh tender and crisp; uniform in size, straight and dark green, with few white spines.

Packet, 5 cents; oz., 10 cents;  $\frac{1}{4}$  lb., 35 cents; lb., \$1.00.

**Vick's Early Perfection White Spine.** It excels in earliness, and is one of the best for either the home garden or forcing; also extensively grown for pickles. This most valuable strain is grown from stock seed, produced on our own farm; our selections being made from the choicest and most perfect fruits only.

Packet 10 cents; oz., 20 cents;  $\frac{1}{4}$  lb., 50 cents; lb., \$1.50.

**Early Frame or Short Green.** An excellent sort both for table use and for pickling. Fruit straight, handsome, small at each end, bright green, flesh tender and crisp, and makes fine pickles.

**Thorburn's Everbearing.** Small size, very early, and enormously productive, and valuable as a green pickler. It continues to flower and produce fruit until killed by frost, whether the cucumbers are picked off or not. Remarkably solid, with very few seeds, and of fine quality. Invariably of perfect form, even when small.

**Chicago or Westerfield Pickling.** Fruit medium length, pointed at each end, with large and prominent spines, color a deep green. It combines all the good qualities of an early Cucumber and is much esteemed by Chicago market gardeners, and grown extensively for the large pickling establishments in that vicinity.

**Green Prolific or Boston Pickling.** A distinct variety. A favorite with pickle growers and commercial gardeners, and good for table use. Quite productive. Fruit small, uniform in size.

**Davis Perfect.** This long, slim Cucumber sometimes measures twelve inches in length; the color, which holds until nearly ripe, is a rich, dark, glossy green. Davis Perfect has a fine flavor and is very tender and brittle. A choice variety for forcing under glass and for outside culture.

Packet, 5 cents; ounce, 15 cents.



VICK'S ABUNDANCE

## 50 Cents - VICK'S VEGETABLE COLLECTION - 50 Cents

### SEVEN FINE VEGETABLES FOR THE HOME GARDEN

One Packet of Each of the Following:

- |   |  |                                   |
|---|--|-----------------------------------|
| 1 Boston Unrivalled Peas                  | 1 Refugee Wax Beans                        | 1 Vick's Golden Nugget Sweet Corn |
| 1 Vick's Extra Early Scarlet Globe Radish | 1 Vick's Special Strain Big Boston Lettuce |                                   |
| 1 Vick's Own Selected Yellow Globe Onions | 1 Detroit Dark Red Beets                   |                                   |

Seven Packets (One Each of the Above) 50 Cents

Vegetables in their natural colors on Front Inside Cover.

Abundance is a new addition to our list of extra fine Cucumbers, and it well deserves an important place in every garden





VICK'S LEMON CUCUMBER

VICK'S LEMON CUCUMBER

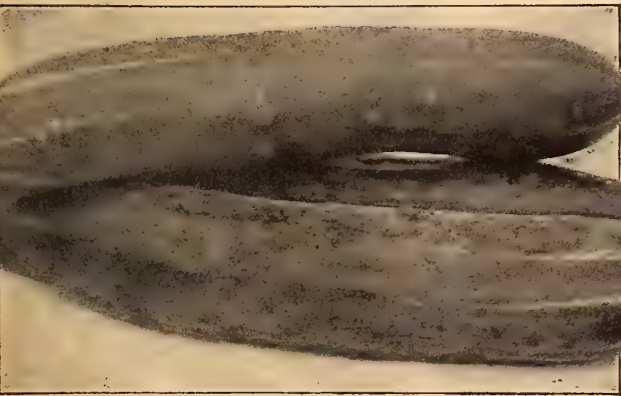
Vick's Lemon Cucumber is nearly round, with yellow and green markings and smooth skin, similar to the Lemon. The flesh is tender, crisp, and possesses a sweetness and flavor surpassing all other Cucumbers. The fruits are from two and a half to three inches in diameter, and very attractive in appearance. For pickling either when green or ripe, they are unexcelled. They should be used for the table just as the fruits are turning yellow. Customers who grow the Lemon Cucumber say they prefer it for quality, and productiveness to any other variety. *A True Cucumber not the Common Garden Lemon.*  
Packet, 10 cents; ounce, 25 cents.

**Improved Long Green.** A well-known standard variety about twelve inches in length, of most excellent quality, and when young makes the best of pickles. When ripe it is the best of any for sweet pickles. Vines vigorous and very productive. Our strain of this valuable sort is unsurpassed being carefully selected from the best fruits. Packet, 5 cts.; oz., 10 cts.; ¼ lb., 35 cts.; lb., \$1.25.

**Early Green Cluster.** A short pale green variety. Fruit borne in clusters near the root; rather prickly; containing few seeds. A productive sort and very satisfactory for pickles.  
Packet, 5 cents; ounce, 10 cents; ¼ lb., 35 cents; lb., \$1.00.

**Cool and Crisp.** A strain of the White Spine, but longer and more cylindrical. Very early and exceedingly prolific. While it is esteemed most highly as a pickling sort, it is one of the very best for slicing, being tender, crisp, and of fine flavor. Packet, 5 cts.; oz., 10 cts.; ¼ lb., 35 cts; lb., \$1.00.

Market gardeners, in many parts of the country, where it is very important to get Cucumbers on the market early, start the plants in boxes made like the ordinary berry box, but without the raised bottom. They fill them with rich, mellow soil, plant the seeds, and set the boxes in hotbeds or cold frames. The plants are set in the open ground when danger of frost is over, and by cutting away the box the roots are not disturbed at all.



IMPROVED LONG GREEN

Vick's Lemon Cucumbers for table use are unsurpassed. Coming into general favor wherever they are being grown

FOREIGN CUCUMBERS

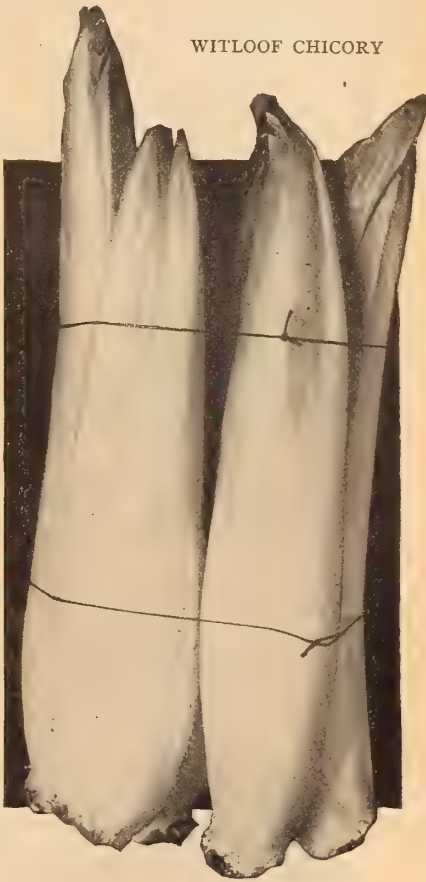
**Japanese Climbing.** A strong and vigorous variety growing nearly twice the length of ordinary sorts, and one that can be grown on trellises, fences, or poles. Can be used for screens, as the foliage is much heavier than other kinds. The fruit is from ten to twelve inches in length and of excellent quality either for slicing or pickling.  
Packet, 10 cents; oz., 20 cents; lb., \$1.50.

**Rollison's 'Telegraph.** The very best of all imported forcing sorts; twenty-six to thirty inches long. Packet, 25 cents.

**Noa's Forcing.** Most productive sort; thirty to thirty-six inches long. Packet, 25 cents.

TEEN ON ONE  
STEM  
Savary Island,  
B. C.

James Vick's Sons  
Gentlemen;  
Enclosed please find snapshot of a bunch of Lemon Cucumbers grown on one stem. Unfortunately the two largest were taken off before we thought of photographing it. Last season was the first time Lemon Cucumbers were ever grown here. They were much commented upon as they turned out a very successful crop.  
Yours very truly,  
K. Ashworth



WITLOOF CHICORY

CHICORY

Cichorien, Ger.; Achicoria, Span.; Cicoria selvatica, Ital.

**Large-Rooted Long Magdeburg.** Sow Chicory seed as early in the spring as the ground can be worked, in drills half an inch deep and fifteen inches apart, and in mellow soil. The after-culture is the same as for Carrots. In the autumn the plants will be ready for blanching, when it is used as a salad. The dried roots are used as a substitute for and adulterant of coffee. One ounce is sufficient for 100 feet of drill.  
Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 35 cts.; lb., \$1.25.

**Witloof Chicory or French Endive.** During the winter this vegetable is sold by dealers in fancy fruits and vegetables as French Endive. Seed should be sown in June, in drills ten inches apart; allow plants to grow until November, when they should be taken up, trimmed to one and a half inches from the neck, leaving about eight inches, then plant upright, one and a half inches apart, in a trench sixteen inches deep. Fill trench with good soil, and for quick growth cover with manure. In about four weeks it will be ready for use, and is eaten either raw or cooked. Pkt., 5 cents; ounce, 20 cents; ¼ lb., 60 cents.

Why not have a vegetable garden of your own?  
It will repay the expense many times over.





A five acre field of of Big Boston Lettuce, Vick's Special Strain, on the muckland of E. M. Salisbury, Holley, N. Y. Read Mr. Salisbury's Letter.

In the heart of a section noted for lettuce growing of the highest quality, this five acre field of Vick's Special Strain of Big Boston, was pronounced by expert lettuce growers the best they had ever seen. Every plant produced was a perfect head. There were no sports or blanks; every space held a solid, finely formed head of Big Boston. The 5 acres averaged 800 crates of 24 heads each or 19,200 heads to the acre. All ready to cut at one time.

James Vick's Sons, Rochester, N. Y.

Holley, N. Y.

Gentlemen:—The Big Boston Lettuce seed purchased from you last summer produced the best crop I have ever grown. In the entire five acre field there was hardly an imperfect head. As the crop developed very evenly, we harvested practically the entire field the first time over, thus avoiding waste and saving labor. I shipped six carloads from the field, every one of which brought top notch prices netting me a handsome profit on the crop.

I am so pleased with your special strain that I have already placed my entire order with you for next year.

Yours very truly,

E. M. SALISBURY

### Vick's Special Strain Big Boston Lettuce

Lattich, Kopfsalat, Ger

Lechuga, Span.

Lattuga, Italian

Big Boston is one of the best varieties for either the large market grower or the home garden. The heads are large and blanched to a creamy white when the outer leaves are removed, very fine grained and packed as close as cabbage. Plants are sure headers, and stand a long time before seeding. When the plants are thinned to 10 to 12 inches apart the heads grow to a large size, measuring from 10 to 12 inches in diameter. Big Boston heads up under cold weather conditions better than any other.

Growers in the vicinity of Rochester begin planting early in the spring and continue to sow seed about every ten days during the summer and early fall, shipping their crops to New York, Boston, Philadelphia, and Chicago markets. We supply many of the largest growers with Vick's Special Strain

Packet, 5 cts.; oz., 15 cts.; ¼ lb., 50 cts.; lb., \$1.00.

### EARLY MAY KING

This variety is very early and hardy, grows to a good size, six to seven inches in diameter, heads round and solid. May be planted out of doors or under glass, and will produce heads earlier than any other variety. Outer leaves tinged with brown the inside a rich golden yellow.

Packet, 5 cents; oz., 15 cents; ¼ lb., 50 cents; lb., \$1.75.



EARLY  
MAY  
KING



## HEADING LETTUCE

**Crisp as Ice.** A splendid and distinct Cabbage Lettuce, well adapted for family and home market use. The heads are of large size, handsome shape, and solid. When cut open they have a rich creamy yellow heart, and are so tender and brittle as to warrant the name, "Crisp as Ice." The leaves are thick and glossy, handsomely crimped and curled, the outside variegated with dark bronze and green.

Packet, 5 cts.; oz., 15 cts.;  $\frac{1}{4}$  lb., 40 cts.; lb., \$1.75.

**Golden Queen.** A fine, quick growing head Lettuce, and one of the best sorts for early outdoor planting as well as for growing under glass. The color is a beautiful golden yellow; the plants medium size and very compact. The heads are so solid that there is no waste whatever, and they really contain more substance than many varieties showing double the size.

Packet, 5 cts.; oz., 20 cts.;  $\frac{1}{4}$  lb., 60 cts.; pound, \$2.00.

**Imperial White Cabbage.** A splendid variety; excellent for family use and market. It is one of the very best for growing outdoors, as it withstands summer heat well, and remains a long time in the head. Heads large and extremely solid, of a light green color; very crisp, tender, and of first rate quality. In our estimation it is one of the best summer lettuces in cultivation for the home garden.

Packet, 5 cents; oz., 15 cents;  $\frac{1}{4}$  lb., 45 cents; lb., \$1.50.

**Tennis Ball, or Boston Market.** A well known forcing variety. One of the earliest and best heading sorts.

Packet, 5 cents; oz., 15 cents;  $\frac{1}{4}$  lb., 45 cents; lb., \$1.50.

**Improved Hanson.** A standard summer Lettuce; none more reliable for out-door cultivation. The heads grow to a remarkable size, and are very solid. The outer leaves are a bright green, while the inner head presents a white appearance, as though blanched; tender and crisp, and free from any unpleasant bitter taste. It is slow to seed, and is an ideal Summer Lettuce.

Packet, 5 cents; oz., 15 cents;  $\frac{1}{4}$  lb., 50 cents; lb., \$1.75.

**Salamander or Satisfaction.** Forms large, solid, compact heads, resisting summer heat and remaining long in head. Leaves smooth, thick, and very tender; the inner head blanching almost white. An excellent spring, summer, or fall variety. Invaluable in the Southern States.

Packet, 5 cents; oz., 15 cents;  $\frac{1}{4}$  lb., 45 cents; lb., \$1.75.

## COS or ROMAINE LETTUCE

Packet, 5 cts.; oz., 15 cts.;  $\frac{1}{4}$  lb., 50 cts.; lb., \$1.75.

**Paris White Cos.** Cos Lettuce is quite distinct and popular on account of their tender, crisp leaves and delicate flavor. The leaves are long and narrow, and need to be tied up, when they soon form solid heads, and bleach snow white.

**Vick's Trianon.** A new variety grown especially for us. It grows large and is uniform, crisp and tender. It stands a long time before going to seed. The leaves are narrow and turn in at the top, therefore it is not necessary to tie them up to blanch.

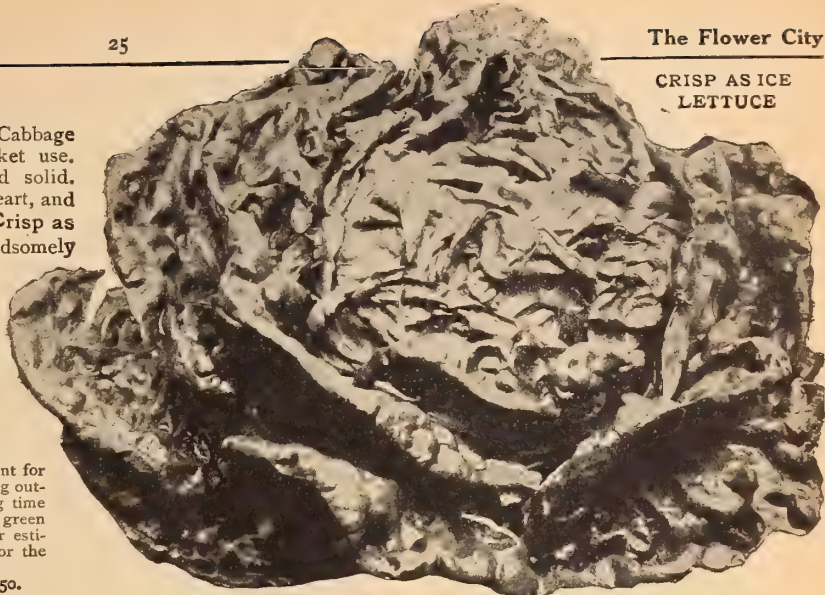
### To Grow Lettuce

Lettuce to be at its best should be grown as rapidly as possible, hence the soil should be made rich and mellow by liberal manuring and thorough preparation. For general crop, sow outdoors as early in the spring as the ground can be worked, in drills eighteen inches apart and thin the young plants to four inches apart in the row. As the plants begin to crowd, thin them out and use as required. In this way a much longer succession of cuttings may be had from the same ground. For the cabbage or heading varieties where large heads are desired, the plants should be thinned ten to twelve inches apart in the row.

COS or  
ROMAINE  
LETTUCE

Early May King is a popular variety for growing under glass. Many of our Market Gardeners plant this variety exclusively.

## CRISP AS ICE LETTUCE



**Vick's Premium Cabbage.** An old favorite, excellent for all uses and seasons. Heads well; remaining in good condition for a long time without going to seed. Heads medium to large. Color bright green.

Packet, 5 cents; oz., 15 cents;  $\frac{1}{4}$  lb., 45 cents; lb., \$1.50.

**Vick's Royal.** A fine variety, largely used in the Paris markets. The seed we offer comes direct from the originator. It produces a medium-sized head of a beautiful golden color, crisp and tender.

Packet, 5 cents; oz., 15 cents;  $\frac{1}{4}$  lb., 45 cents; lb., \$1.50.

**The Improved Keene.** Originated near Rochester, and is used extensively by our market gardeners for forcing under glass and for early spring planting out-of-doors. The color is a rich, bright green. It forms good sized heads very quickly, and for this reason can be marketed weeks before the Boston Forcing and other popular market sorts. It is extremely hardy and does not burn, nor blight in any way. We are pleased to offer this excellent variety, knowing that it will give perfect satisfaction wherever grown. Packet, 5 cents; oz., 15 cents;  $\frac{1}{4}$  lb., 45 cents; lb., \$1.50.

### Curled or Loose-Leaf Varieties

Packet, 5 cents; oz., 15 cents;  $\frac{1}{4}$  lb., 50 cents; lb., \$1.75.

**Grand Rapids Forcing.** There is no better forcing variety among the curled-leaved sorts than the Grand Rapids, and it is quite as good for outdoor culture as other sorts. Large, beautiful leaves, very crisp and tender. Frequently a house full of this Lettuce will average one half pound to a plant.

**Early Curled Simpson (Silesia).** Forms a close compact mass of leaves that are large and broad, crimped and blistered, and light green in color. Not desirable for forcing with bottom heat. It is however recommended for planting in cold frames, and extensively grown in the open.

**Prize Head.** Is very large; stained with red; outer leaves curled; very crisp and tender; slow in running to seed.

**Black-Seeded Simpson.** The most popular sort of all the non-heading varieties. One of the best for use under glass as well as for early outdoor planting. The plants form large, loose heads; outer leaves a light, yellowish green, with inner leaves blanching almost white. Resists the heat and remains long in a good edible condition.

BLACK  
SEEDED  
SIMPSON





**LEEK**

Lauch, Ger.; Puerro, Span.; Porro, Ital.

The Leek is a mild onion-like plant that should be better known. The long, blanched necks are milder and more tender than the onion. The green tops are esteemed superior to the onion for flavoring soups, etc., their strong odor disappearing in cooking. Sow as for onion.

Packet, 5 cents; oz., 20 cents;  $\frac{1}{4}$  lb., 50 cents; lb., \$1.75.

**Monstrous Carentan.**

A new and valuable strain of the superior Leek; of extra large size, easily blanched and of the finest quality.

**Broad Flag.** An old favorite. Large, hardy, and productive.

**Musselburg.** The largest variety. Hardy. Flavor very mild.

**FENNEL, Giant Messina**

Fenchel, Ger.; Hinojo, Span.; Finocchio, Ital.

To those who are looking for "something different" we recommend a trial of the giant Sweet Fennel. It is an easily cultivated vegetable, maturing quickly from seed sowed in spring. The thickened bases of the leaf-stalks form a bulb-like growth, which is blanched by earthing up like celery. It is cooked in various ways and will be found a pleasing addition to the vegetable list. Packet, 5 cents;  $\frac{1}{2}$  oz., 15 cents; oz., 20 cents;  $\frac{1}{4}$  lb., 60 cents; lb., \$2.00.

**KOHL RABI**

Knollkohl, Ger.; Col rabano, Span.; Cavolo rapa, Ital.

Kohl Rabi is sown for general crop in the spring, like the Turnip, in drills, or may be transplanted like Cabbage. For winter table use, sow middle of June. Gather when small and tender, as later it becomes tough and stringy. The stem, just above the surface of the ground, swells into a bulb something like a Turnip. One ounce will sow 200 feet of drill.

**Early White Vienna.** Delicate; much prized for forcing.

Packet, 5 cents; oz., 25 cents;  $\frac{1}{4}$  lb., 70 cents; lb., \$2.25.

**Early Purple Vienna.** Another forcing variety, similar to above except in color.

Packet, 5 cents; oz., 25 cents;  $\frac{1}{4}$  lb., 70 cents; lb., \$2.25.

**Large Early White or Green.** Used for feeding stock.

Packet, 5 cents; oz., 20 cents; lb., \$1.50.



KOHL RABI

**ENDIVE**

Endivien, Ger.; Endivia, Span.; Endivia, Ital.

Endive is an excellent autumn and winter salad. Sow seed late in the spring or even as late as July, in shallow drills, fifteen inches apart, and when plants are strong, thin out to about a foot apart. To blanch, gather up the outer leaves over the center of the plant, and tie them together at their tips. Sow one ounce to 100 feet of drill.

Pkt., 5 cts., oz., 15 cts.;  $\frac{1}{4}$  lb., 45 cts.; lb., \$1.50.

**Moss Curled.** Foliage very dense and beautifully fringed.

**Green Curled.** The hardiest variety. Leaves dark green, finely cut; easily blanched to a fine white.

**White Curled.** Foliage somewhat coarser than the Green Curled, moderately dense, pale green.

Pkt., 5 cts.; oz., 15 cts.;  $\frac{1}{4}$  lb., 50 cts.; lb., \$1.75.

**Broad-Leaved Batavian.** (Escarolle.) Leaves broad, thick, somewhat wrinkled.



MOSS CURLED AND BROAD-LEAVED BATAVIAN ENDIVE

EGG  
PLANT**EGG PLANT**

Eierpflanze, Ger.; Berengena, Span.; Petronciano, Ital.

Those who have no hotbeds can sow a few seeds in boxes in the house, where a temperature of 75° can be maintained. Plant out early in June two and a half feet apart. One ounce will produce about 1,500 plants.

**Black Beauty.** Distinct and fine. The fruit is quite as large as Improved N. Y. Purple, and from ten days to two weeks earlier than that variety. It is very attractive in appearance, and of excellent flavor. Packet, 10 cts.;  $\frac{1}{2}$  oz., 25 cts.; oz., 45 cts.;  $\frac{1}{4}$  lb., \$1.35; lb., \$5.00.

**Improved New York Purple, Spineless.** The standard for home use and market. Fruit very large, productive, and of the highest quality.

Packet, 10 cts.;  $\frac{1}{2}$  oz., 20 cents; oz., 35 cents;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.50.

**HORSERADISH**

Meer Rettig, Ger.; Taramago, Span.; Rafano, Ital.

Horseradish is grown from pieces of the roots. Mark off rows two and one-half feet apart, in rich, moist, well prepared ground; set the pieces of roots eighteen inches apart in the rows, the small end down, and the top, one to two inches below the surface. Cultivate thoroughly until the tops cover the ground, when their shade will keep the weeds down.

**New Bohemian.** Produces mammoth roots. Extra early. Better yielder than the old variety and succeeds in light or heavy soil. Dozen, 30 cents; \$1.25 per 100, postpaid.

**Common Variety.** Roots, 3 for 10 cents; per doz. 25 cents; \$1.00 per 100, postpaid.

Endive as a salad cannot be surpassed. It is growing more popular every day.

America's Oldest

Mail Order Seed House

Big Boston Lettuce and Danvers Yellow Globe Onions are favorite market and table varieties wherever they are grown



# Musk Melon



Melone, Ger.;  
Melon, Span.;  
Popone Ital.

VICK'S IRONDEQUOIT

**MUSK MELONS** can be successfully grown in a much larger territory than Watermelons. They do not require so long a season for maturing their fruit as do the latter, and therefore can be planted in more northern latitudes. Neither do they require the warm, sandy soil of the Watermelon. They can be grown in colder and heavier soils with but little manuring, which should be placed in each hill. The hills should be six feet apart. Do not plant until the ground has become warm and dry. One ounce will plant fifty hills. Two pounds are sufficient for an acre, when planted in hills.

## VICK'S IRONDEQUOIT

**Color.** The flesh is a beautiful dark orange, and the closely netted skin is pale yellow when ripe, giving it a most attractive appearance when exposed for sale or when cut for the table.

**Size.** The fruit is unusually large, in fact it is one of the largest varieties grown.

**Shape.** The shape is well shown in the illustration. The Melons are distinctly ribbed and beautifully netted. The flesh is solid and very thick, having but a small seed cavity.

**Flavor.** The flavor of a well ripened "Irondequoit" is delicious, sweet, rich, spicy and melting—the very highest quality in Muskmelons. Added to large size and attractive appearance the combination is absolutely the best obtainable.

The seed we offer is true to type in all respects. It is grown under our personal supervision by one of the most skillful Melon growers in Monroe County. Great care is taken in harvesting the crop to exclude all Melons not of the highest grade.

The "Irondequoit" has succeeded so well under such a wide range of conditions that we confidently recommend it to our customers as the best all-around melon either for the home garden or for market. For many years it has held the Rochester market to the exclusion of all other varieties.

Packet, 10 cents;  $\frac{1}{2}$  oz., 25 cents; oz., 40 cents;  
 $\frac{1}{4}$  lb. \$1.50; pound \$5.00.

## SMALL VARIETIES

Packet, 5 cents; oz., 15 cents;  $\frac{1}{4}$  lb. 40 cents; lb., \$1.25.

**Rocky Ford.** (Netted Gem) This is the most popular of the small Melons being extensively grown and shipped in car-loads for the markets. It is one of the finest early Melons, and one of the best for market gardeners and shippers as well as for the home garden. It is oval in shape, slightly ribbed, and covered with a coarse netting. The flesh is thick, green in color, very sweet and juicy, and solid clear to the rind.

A new Musk Melon that will keep until November or later is described on page 4. It is well named "Honey Dew."

Price on Small Varieties; Packet, 5 cts; Oz. 15;  $\frac{1}{4}$  lb. 40 cts; Lb. \$1.25

**Emerald Gem.** Small to medium, globular in form, flattened ends; skin smooth slightly ribbed. Flesh thick, ripening close to the rind. Deep rich, salmon color, deliciously flavored and of superior quality.

**Paul Rose or Petosky.** Has given perfect satisfaction for market and home garden. Cross between Osage and Netted Gem. Flesh thick and firm, deep salmon color; most delicious and appetizing.

**Jenny Lind.** Extra early. One of the oldest. Fruit small, round, flat on both ends, deeply lobed, and finely netted. Flesh green and luscious. Comes into market first of all.

## MEDIUM-SIZED VARIETIES

Packet, 5 cents; oz., 15 cents;  $\frac{1}{4}$  lb., 40 cents; lb., \$1.25.

**Vick's Prolific Nutmeg.** Vines hardy, vigorous. Fruit medium size, round, slightly flattened at ends, ribbed, with distinct netting; flesh green, thick, solid, delicious, spicy flavor.

**Osage, or Miller's Cream.** A remarkably fine variety, of medium size, oval, dark green, handsomely netted, slightly ribbed. Flesh uniformly thick, of firm texture, rich salmon, highly flavored and delicious to the rind. Cavity very small. Good keeper and shipper.

## LARGE VARIETIES

Packet, 5 cents; oz., 15 cents;  $\frac{1}{4}$  lb., 40 cents; lb., \$1.25.

**Extra Early Hackensack.** Very popular, producing large, handsome, extra early Melons of best quality. Fruit nearly round, deeply ribbed, and very coarsely netted. The flesh is green, of most delicious flavor.

**Montreal Nutmeg.** Fruit of the largest size, often attaining a weight of fifteen to twenty pounds. Shape nearly round, flattened at the ends, deeply ribbed; flesh remarkably thick, green, melting, and of the finest flavor.

**Surprise.** A medium to large size melon, oval, distinctly ribbed, and covered with patches of netting. When the fruit is mature it has a light yellow skin. Flesh is deep salmon in color and of very good quality. Vines are hardy and productive. Very popular with Market Gardeners.

**Late Hackensack.** A large, late melon of good quality.

An interesting letter from a customer and photograph of his patch of Irondequoit Melons is shown on page 4.



# WATERMELONS

Wasser-Melone, Ger.; Sandia, Span.; Melone d' aqua, Ital.

Plant in hills eight or ten feet apart. The same culture as recommended for Cucumbers will insure success. One ounce of seed will plant thirty hills, and four pounds an acre, with hills eight to ten feet apart. Allow three or four plants to remain in each hill.

Packet, 5 cts.; oz., 10 cts.;  $\frac{1}{4}$  pound, 30 cts.; pound, \$1.00; except as noted.

**Sweet Heart.** One of the best varieties for the home garden. Large size, nearly globular in shape; skin a bright mottled green; rind thin; flesh bright red, firm, and solid to the center; heavy, but crisp, melting, and exceedingly sweet, early. A good keeper, and improves in quality for a long time after ripening. Fruit ripens early.

**Cole's Early.** The earliest Watermelon. Best for the amateur. It is not only the earliest variety in cultivation, but continues to bear enormously throughout the season. The fruit is nearly round; rind thin and brittle; flesh deep red and of extremely delicate texture, sweet, juicy, and delicious.

**Kleckley's Sweets.** The fruit is oblong in form, 18 to 20 inches long and ten to twelve inches in diameter; skin dark green; flesh bright red, extremely sweet, melting, and luscious. Ripens close to the rind. Highly recommended for the home market and family garden.

**Florida Favorite.** An excellent variety of large size. Shape oblong; skin mottled with alternate dark and light green stripes; rind thin but firm; flesh bright crimson, very crisp, and deliciously sweet. Ripens early.

**McIvor's Wonderful Sugar.** One of the very best Melons in cultivation. Attaining great size; oblong in shape, the rind showing broad stripes of light and dark green. The flesh is a rosy pink, perfectly solid, crisp, and of delicious flavor. Exceedingly sweet and juicy.

**Dixie.** In shape about one-third longer than thick; color of skin dark, green and beautifully striped; rind thin, but remarkably hard; flesh bright, scarlet, sweet and juicy.

**Vick's Early.** A melon prized for the home garden or market. Oblong in shape, smooth, with a very dark skin, rather small in size; flesh bright pink solid, and sweet. Vines strong, bearing freely, thus making it a desirable variety for the home garden, and the market.

**Ice Cream or Peerless.** The old but extremely popular home market Melon. Medium in size, almost round; the skin a pale green; flesh bright scarlet, fine-grained, solid to the center, sweet, crisp, and melting. Its delicious flavor entitles it to the name of **Peerless**.

**Prize Jumbo.** Immense in size. The common weight of this Melon is sixty to eighty pounds. The rind is hard and firm, which makes it a superior variety for long-distance shipping. In shape it is nearly round; color solid dark green; flesh deep red and of fine quality.

## SWEET HEART WATERMELON

**Georgia Rattlesnake.** One of the largest varieties, and stands shipping long distances. Fruit of good size, oblong in form, distinctly striped and mottled; flesh bright scarlet and of excellent quality.

**Red Seeded Citron.** For Preserves. This variety grows uniformly round and smooth. It has a handsomely striped and marbled skin of light green. Used only for preserves and pickles, and not for eating in the raw state. Very prolific.

### OTHER GOOD VARIETIES.

We can supply at the uniform price of: Packet, 5 cents; ounce, 10 cents; one-quarter pound, 25 cents; pound, 75 cents.

**Fordhook Early, Jordan's Grey Monarch, Cuban Queen, Extra Early, Green Citron.**

## MUSHROOMS

Schwamm, Ger.; Seta, Span.; Fungo pratajolo, Ital.

Mushrooms can be grown in any dark room or cellar, where the temperature can be maintained at 50° to 60°. If the temperature is right, in six or eight weeks you may expect the first crop of Mushrooms. One Brick of spawn is enough for a bed 3x3 feet. Directions sent with each order.

**"New Culture" Spawn.** Positively fresh, pure virgin spawn. The material from which these bricks are made is "spawned" directly from heavy, meaty mushrooms. Bricks, 35 cents each, postpaid.

5 bricks, \$1.00 10 bricks, \$1.85; by express, charges not prepaid. For books on Mushroom growing see page 109.

## OKRA or GUMBO

Ocher, Ger.; Gombo, Span.; Ocra, Ital.

A large, vigorous, tender plant, cultivated in the South for its young seed pods, which are very nutritious, and are used in soups, stews, etc., and especially for making gumbo soup. Should be more generally grown in the North wherever it is warm enough for Sweet Corn. About the last week in May sow seed thinly, in drills one inch deep and three feet apart. When well up, thin the plants out to one foot apart in the row. Gather the pods when quite young (about an inch and a half long), before woody fibre is formed. One ounce of seed will sow fifty feet of drill.

**White Velvet (White Creole).**

Pods round, smooth, much larger than other sorts; produced in great profusion.

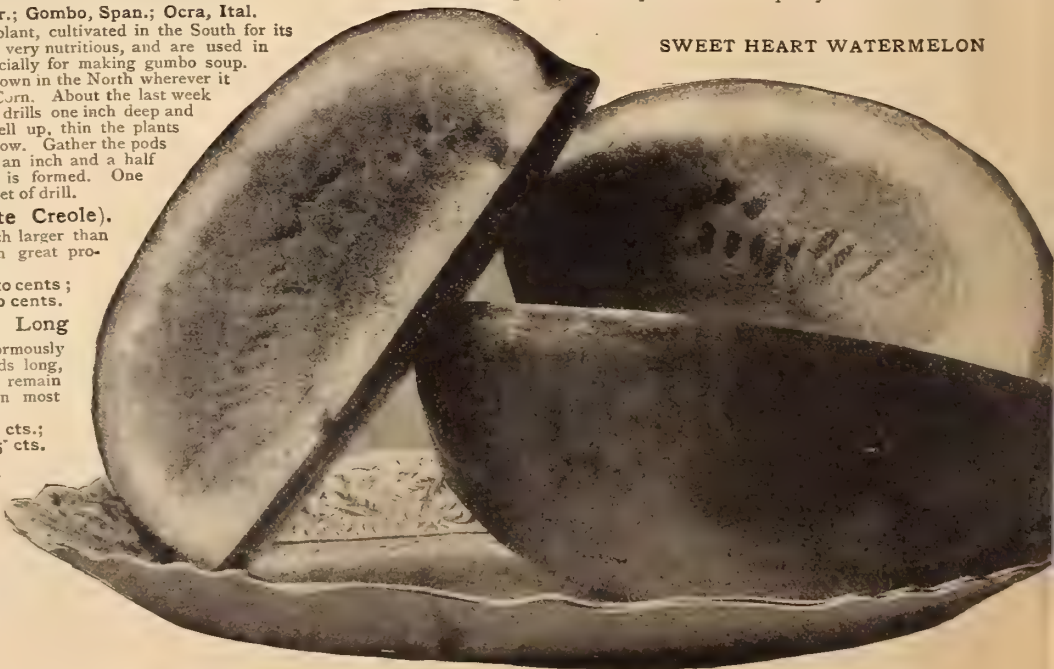
Packet, 5 cents; oz., 10 cents;  $\frac{1}{4}$  lb., 20 cents; lb., 60 cents.

**Perkin's Mammoth Long**

**Pod.** A dwarf but enormously productive variety. Pods long, slender, deep green, and remain tender much longer than most sorts.

Packet, 5 cts.; oz., 10 cts.;  $\frac{1}{4}$  lb., 25 cts.; lb. 75 cts.

Fruit Growers and Home Planters will be interested in our new Fruit and Ornamental Tree Book.







VICK'S TRIPLE CURLED PARSLEY

## PARSLEY

**Petersilie, Ger.**

**Perejil, Spad.**

**Prezzemolo, Ital.**

Parsley seed germinates very slowly. For outdoor growing, soak the seed in hot water for twenty-four hours. Sow thickly, in rows one foot apart and half an inch deep, pressing down well after sowing. When well up, thin to six inches apart. Parsley lives through the winter, and seed may be sown in the autumn. One ounce will sow 150 feet of drill.

Packet, 5 cents; oz., 10 cents;  $\frac{1}{4}$  lb., 30 cents; lb., \$1.00; except as noted.

**Exquisite Moss Curled.** A new variety of great merit. Rich dark green finely cut and crimped.

**Champion Moss Curled.** A compact growing, very ornamental plant. Leaves a bright green color, finely crimped and beautifully curled.

**Vick's Triple Curled.** A handsome compact sort. Fine for market or private garden; leaves bright pale green; extra curled and crimped.

**Beauty of the Parterre, or True Emerald.** A distinct shade of green; leaves finely cut and densely curled. Dwarf and spreading. Very fine.

**Fern-Leaved.** Beautiful in form and color; valuable for garnishing, and also as an ornamental foliage plant for borders of beds.

Packet, 5 cents; oz., 15 cents;  $\frac{1}{4}$  lb., 35 cents; lb., \$1.25.

**Hamburgh or Turnip-Rooted.** The roots resemble a small Parsnip and are the edible portion of this variety. Used for flavoring soups, etc.

Packet, 5 cents; oz., 15 cents;  $\frac{1}{4}$  lb., 45 cents; lb., \$1.50.

## VICK'S PRODUCTIVE PEPPERS

**Coral Gem Bouquet.** The finest of the small varieties. Its shining red pods an inch in length, are so thickly set as to completely cover the plant. They are very hot, and suitable for seasoning. Makes an elegant pot-plant.

**Red Cluster.** A distinct and beautiful variety bearing a profusion of bright scarlet fruit in clusters in an upright position. Hot and pungent. As a decorative plant for the flower garden or for pots, it will be found very useful.

LONG HOLLOW  
CROWN PARSNIP



## VICK'S PRODUCTIVE PEPPERS

**Pfeffer, Ger.**

**Pimiento, Span.**

**Peperone, Ital.**

Sow seeds in a hotbed, or in a box in the house, where a temperature of 75 degrees can be maintained. Transplant when three inches high. One ounce of seed will yield about 1,500 plants.

Packet, 5 cents;  $\frac{1}{2}$  ounce, 20 cents; ounce, 35 cents  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50; except where noted.

**Vick's Giant Red.** A magnificent new variety. Combines the size, mildness and beauty of the Chinese Giant with great productiveness. Packet, 5 cents;  $\frac{1}{4}$  ounce, 15 cents;  $\frac{1}{2}$  ounce, 25 cents; ounce, 40 cents;  $\frac{1}{4}$  pound, \$1.25; pound, \$4.50.

**Chinese Giant.** Immense Pepper of a brilliant scarlet color. The flesh is unusually thick and very mild, having none of the pungency of most of the older varieties. The plant is about two feet high and of strong vigorous growth. Packet, 10 cents;  $\frac{1}{4}$  ounce, 20 cents;  $\frac{1}{2}$  ounce, 30 cents; ounce, 50 cents;  $\frac{1}{4}$  lb., \$1.75; lb., \$6.00.

**Large Bell, or Bull Nose.** Very large, nearly four inches long and three inches in diameter; glossy red. Excellent for use in salads and pickles.

**Ruby King.** A handsome and very productive variety. Fruit from four to six inches long by three and a half to four inches broad; remarkably mild and pleasant. When ripe they are a bright ruby red.

**Pimiento.** A sweet pepper. One that you will enjoy eating in salads, either fresh or canned. Market gardeners and canners are planting Pimiento extensively. A Home Garden favorite. Packet, 5 cents;  $\frac{1}{4}$  ounce, 15 cents;  $\frac{1}{2}$  ounce, 25 cents; ounce, 40 cents;  $\frac{1}{4}$  pound, \$1.25; pound, \$7.50.

**Sweet Mountain or Mammoth.** Much like the Large Bell, but larger and milder. Fruit thick and sweet. Fine for making stuffed mango pickles.



VICK'S GIANT RED PEPPERS

**Golden Dawn or Queen.** In shape but is more delicate golden yellow, with very ed flesh.

**Celestial.** A Chinese variety, useful as well as ornamental. Sets its fruit early, and continues until frost. The upright fruit is first white, then golden yellow, changing, when fully grown to a bright scarlet.

**Long Red Cayenne.** Beautiful and productive. Fruit slender, long, bright red, pointed pod; flesh thick and pungent.

Other good varieties at same prices.

Small Red Chili. Cherry-Formed Red. Monstrous.

## PARSNIP

**Pastinake, Ger.**

**Chirivia, Span.**

**Pastinaca.**

Parsnip seed germinates very slowly, and does best in a cool, moist soil; therefore it should be sown as early as possible, in drills from fifteen to eighteen inches apart, and about half an inch deep. One ounce will sow 200 feet of drill.

Packet, 5 cents; oz., 10 cents;  $\frac{1}{4}$  lb., 25 cents; lb., 75 cents.

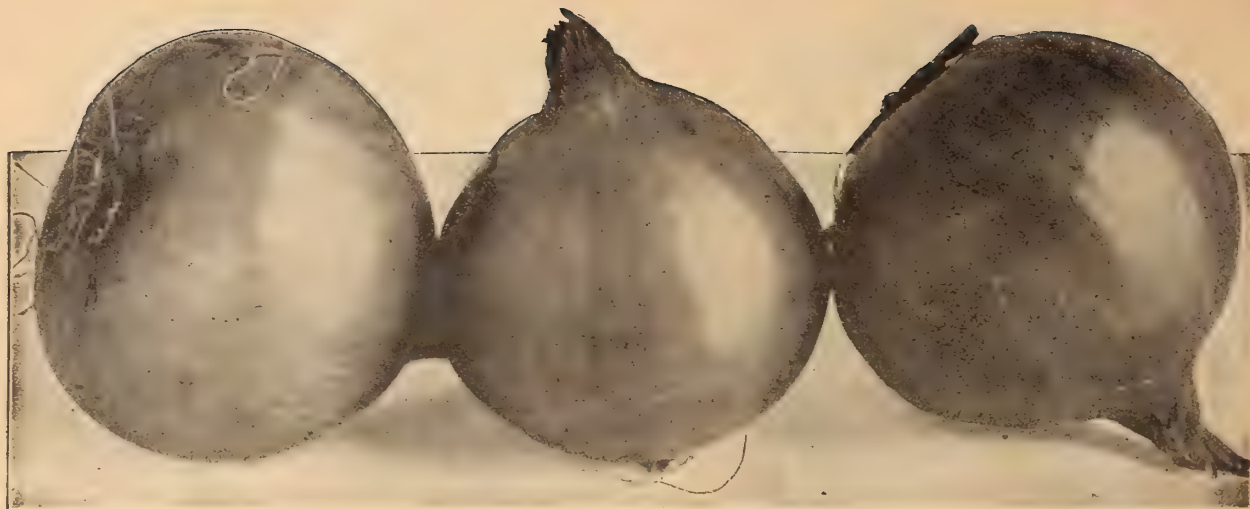
**Elcombe's Giant.** A new Parsnip having the good qualities of Hollow Crown but smoother not so long and much thicker at the shoulder.

**Long Hollow Crown (White Dutch or Sugar).** The old standard, and one of the best for general use. Long, smooth, tender and sugary; very hardy.

**Improved Guernsey.** Half-long. The roots are larger in diameter and easily gathered; smooth, fine-grained, and of excellent quality.

**Early Round.** Extra early, small, fine flavor. Especially adapted for the private garden.





SOUTHPORT WHITE GLOBE

SOUTHPORT YELLOW GLOBE

SOUTHPORT RED GLOBE

## VICK'S SELECTED ONION SEED

Zwiebel, Ger.

Cebolla, Span.

Cipollo, Ital.

**O**NIONS must have a clean and very rich soil, as it is useless to attempt to grow them on poor ground. A liberal use of manure is more essential to this than to any other crop. Sow in drills about a foot apart and about a half an inch deep. Keep the soil mellow and clear of weeds. One ounce will sow 100 feet of drill, or five pounds per acre.

Special prices to commercial growers will be quoted on application.

**Large Red Wethersfield.** The standard red, and, owing to its productiveness, the most profitable for the market gardener. Form somewhat flattened, skin a deep purplish red, flesh purplish white. The best variety for poor or dry soil.

Packet, 5 cents; oz., 25 cents;  $\frac{1}{4}$  lb., 75 cents; lb., \$2.50.

**Mammoth Prize Taker.** Genuine seed of this variety produces handsome, large, Yellow Globe Onions. We have the seed specially grown for us. Our *American Grown Seed* produces bulbs enormous in size, and the yield per acre is larger than that of any other variety. While not so good a keeper as our Yellow Danvers, it is a valuable sort for immediate or early fall use. The skin is of a rich yellow straw-color; flesh white, sweet, mild and tender. Packet, 5 cents; oz., 25 cents;  $\frac{1}{4}$  lb., 75 cents; lb., \$2.50.

**Large Yellow Dutch or Strasburg.** This variety is one of the old standard sorts. It is flat, white-fleshed, fine grained and mild. It is exceedingly productive and a good keeper. A popular sort for growing sets, the product being a round, bright, smooth set.

Packet, 5 cents; oz., 25 cents;  $\frac{1}{4}$  lb., 75 cents; lb., \$2.50.

**Australian Brown.** Distinct from all other Onions; uniform in size and shape; wonderfully hard and solid, and will keep almost indefinitely. Ripens extremely early. It is of medium size, round, with skin of a deep amber-brown; flesh mild and agreeable.

Packet, 5 cents; oz., 25 cents;  $\frac{1}{4}$  lb., 75 cents; lb., \$2.50.

**Extra Early Flat Red.** The earliest of the red sorts, coming into use from ten days to two weeks earlier than the Red Wethersfield. It is adapted to cold, damp, mucky soils where other varieties fail to produce large-size Onions. Packet, 5 cents; oz., 25 cents;  $\frac{1}{4}$  lb., 75 cents; lb., \$2.50.

**Ailsa Craig** For home use as well as exhibition purposes, Ailsa Craig combines all the necessary qualities for the ideal Onion. The skin is pale yellow, flesh snow-white, delicious in flavor; are very mild; in fact, equal in every respect to the popular Spanish Onions. Under favorable conditions it will grow to an immense size. Plan to plant at least a packet this spring; more if you have room.

Packet, 10 cts.;  $\frac{1}{2}$  oz., 20 cts.; oz., 35 cts.;  $\frac{1}{4}$  lb., \$1.25.

### A FEW OF OUR SPECIALTIES

Detroit Dark Red Beet, Copenhagen Market Cabbage, Golden Self-Blanching Celery, Golden Nugget Corn, Abundance Cucumber, Big Boston Lettuce, Irondequoit Melon, Scarlet Globe Radish, Earliana Tomato.

**Southport White Globe.** Handsome, large-sized, globular in form. Skin and flesh a pure white. To succeed in producing good pure white Onions, the crop should be pulled just as the stalks begin to fall down, and then allow them to dry off in the open air, keeping them free from rain or dew, which would cause discoloration of the bulbs.

Packet, 5 cents;  $\frac{1}{2}$  oz., 20 cents; oz., 30 cents;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50.

**Southport Red Globe.** Our strain is unsurpassed; it is used for growing the exceedingly fine large bulbs seen in the New York markets. Its beautiful form makes it extremely desirable. It produces large crops on favorable soils, and is a good keeper.

Packet, 5 cents; oz., 25 cents;  $\frac{1}{4}$  lb., 75 cents; lb., \$2.50.

**Southport Yellow Globe.** It is entirely distinct from the Danvers type, being somewhat more pointed at each end. The flesh is white and mild in flavor. It is quite productive and a good keeper. These onions always command a high price in the markets.

Packet, 5 cents; oz., 25 cents;  $\frac{1}{4}$  lb., 85 cents; lb., \$2.75.

Our seed stock of Southport Yellow Globe Onion is grown from carefully selected bulbs of uniform shape, size and color. This onion is very hardy and keeps a long time in good condition after pulling. Many customers have used our seed for years.



LARGE RED WETHERSFIELD

Market gardeners will be very much interested in our List of Special Prices of Vegetable Seeds on page forty-two



# Vick's Own Selected Strain

## Denvers Yellow Globe Onions

Successful onion growers use this strain in preference to all others. The seed is *Northern grown*, therefore adapted to growing in any section or climate. This variety is the standard in the eastern markets both for local use and shipping. It produces bulbs of usable size early in the season, so that it is a profitable variety all summer. The globe shape and the brownish-yellow skin make it attractive in appearance at all times. It is an extremely hard and solid variety. The bulbs average fully three inches in diameter; the flesh is pure white, crisp and tender, while the flavor is sweet and mild. It is a sure cropper, which fact combined with its other characteristics makes it one of the best and most popular sorts, both for home use and for market.

Packet, 5 cents; oz., 25 cents;  
¼ lb, 75 cents; lb, \$2.50.

## Onion Sets

Onion sets should be planted as early as the ground is in condition to work; in rows 12 to 15 inches apart, with sets two inches apart in the rows. Green Onions for bunching come in very early, while the crop of large bulbs matures very much earlier than if planted from seed.

**True English Multipliers or Potato Onion.** Quart, 30 cents; peck, \$1.50; bushel, \$5.00.

**Yellow Bottom Sets.** Quart, 30 cents; peck, \$1.25; bushel, \$4.00.

**White Bottom Sets.** Quart, 30 cents; peck, \$1.35; bushel, \$4.25.

**Multiplier Sets** weigh 38 lbs. to bushel; **Bottom Sets** 32 lbs. to bushel.

At quart prices we prepay postage. Bushel and peck delivered at freight or express office, Rochester.



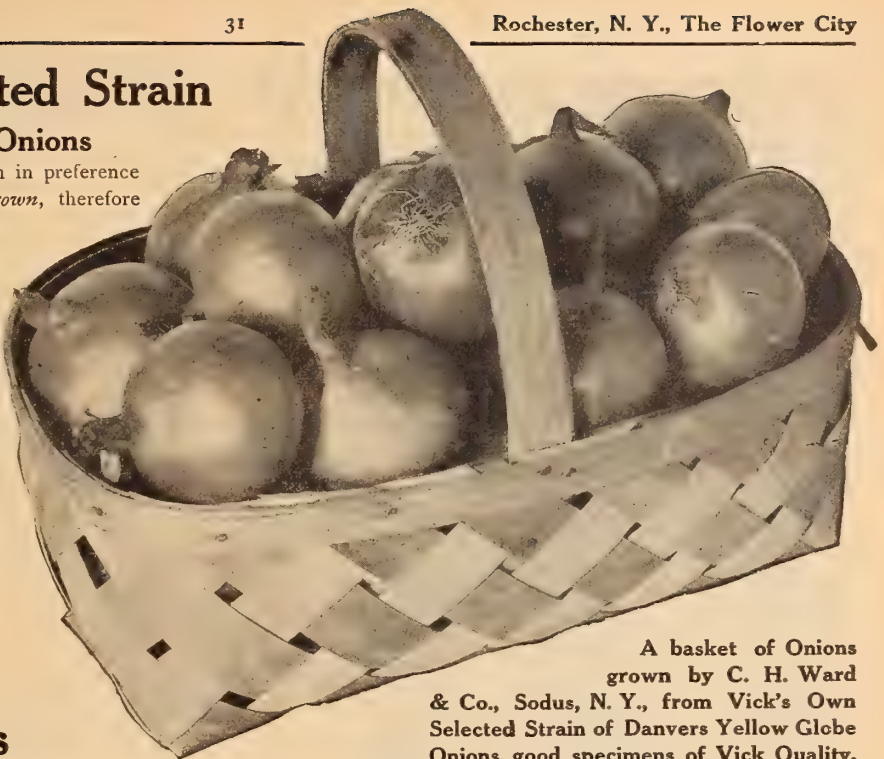
TRUE ENGLISH MULTIPLIERS

## Egyptian or Top Onion Sets (Perennial)

The young sets of these are produced on top of the stalks. As they cannot be kept out of ground over winter they must be planted in the fall; therefore, orders for them should be given in the spring for delivery next autumn. When once set out, they will come up year after year as soon as frost is over. They need no protection, grow rapidly, and are very productive.

Quart, 30 cents, prepaid; peck, 60 cents; bushel, \$2.00, not prepaid.

Vick's own selected strain of Danvers Yellow Globe Onion leads all other varieties. Plant for a money-making kind



A basket of Onions grown by C. H. Ward & Co., Sodus, N. Y., from Vick's Own Selected Strain of Danvers Yellow Globe Onions, good specimens of Vick Quality.

## Italian Onions

The flavor of the Italian sorts is mild and well adapted for all culinary purposes. Seed should be sown thicker than that of the American sorts.

**White Portugal or American Silver Skin.** A large flat white Onion of exceedingly mild flavor. It is a popular sort, and when young excellent for bunching or for pickles. It is also especially adapted for growing sets. Packet, 5 cents; oz., 30 cents; ¼ lb., \$1.00; lb., \$3.00.

**Mammoth White Garganus, or Silver King.** This is mammoth in size, the largest onion in cultivation. The bulbs are very attractive in form, fine-shaped, flattened but thick, with a silvery white skin. The flesh is snow-white, fine-grained, exceedingly mild, and of pleasant flavor. It matures quite early.

Packet, 5 cents; oz., 20 cents; ¼ lb., 75 cents; lb., \$2.50.

**Large White Flat Italian Tripoli.** A handsome, large, pure snow-white, flat Onion, mild and of excellent flavor. If seed is sown early in hot-bed and transplanted, it grows to a large size.

Packet, 5 cents; oz., 20 cents; ¼ lb., 75 cents; lb., \$2.50.

**Large Blood Red Italian Tripoli.** Same as preceding, except in color, which is a bright dark red. Used in the South when the Bermuda sorts cannot be had. Packet, 5 cents; oz., 20 cents; ¼ lb., 75 cents; lb., \$2.50.

**Giant Rocca of Naples.** A very large-growing, globe-shaped variety. The skin is reddish brown in color; flesh very mild and sweet-flavored.

Packet, 5 cents; oz., 20 cents; ¼ lb., 75 cents; lb., \$2.50.

**White Queen or Extra Early Barletta.** This is an extra early, very small, round, hard, and handsome variety. The color is a beautiful waxy white; flavor mild and delicate. It is the Onion used in all famous pickle factories in our own country. A favorite for the home garden, as bulbs grown from seed will mature as early as those raised from the ordinary Onion sets. The best variety for pickling.

Packet, 5 cents; oz., 20 cents; ¼ lb., 75 cents; lb., \$2.50.

**White Bermuda (Teneriffe grown).** The Bermudas are the earliest Onions in the market, and are grown extensively in the South. Outer skin straw color, flesh pure white.

Packet, 5 cents; oz., 20 cents; ¼ lb., 75 cents; lb., \$2.50.

**Red Bermuda.** Similar to the white, but with red skin.

Packet, 5 cents; oz., 20 cents; ¼ lb., 75 cents; lb., \$2.50.

Special prices on Peas, Beans and Corn for the large grower are quoted on page 42. For other varieties in larger quantities than quoted here, give us a list of your needs and let us quote special prices.





LAXTONIAN

**VICK'S VEGETABLE COLLECTION, 50 Cts.**

Seven Fine Vegetables for the Home Garden

One packet of each of the following: Boston Unrivalled Peas, Vick's Golden Nugget Sweet Corn, Refugee Wax Beans, Detroit Dark Red Beets, Vick's Extra Early Strain Scarlet Globe Radish, Vick's Special Strain Big Boston Lettuce, Vick's Own Selected Yellow Globe Onions.

7 PACKETS (One each of the above) for 50 Cents

Pictured in colors on the inside of the Front Cover

# Vick's Garden Peas

Erbsen, Ger.

Guisante, Span.

Pisello, Ital.

**S**OW Peas in drills about four inches deep. The drills must not be nearer than two feet, except for the lowest sorts. Those growing three feet high or more should not be nearer than three or four feet, and should have brush for their support. Avoid fresh manure and very rich soil, as they cause the vines to grow too rank. One pint will sow forty feet of drill; two bushels for an acre, in drills three feet apart. All varieties on this page at these prices:

Packet, 10 cents;  $\frac{1}{2}$  pint, 20 cents; pint, 30 cents.

For quarts and larger quantities, see special low price on page 42.

## EXTRA EARLY VARIETIES

### Thomas Laxton **The Leader of the Extra Early**

out-ranks all other extra early wrinkled varieties in hardiness and productiveness. It has all the delicious sweetness of the Gradus; the pods are large and shapely, of a rich, dark green color, and filled from end to end with seven or eight very large white-seeded, wrinkled sugar peas, the flavor of which is unsurpassed by any other Pea in cultivation. Vines are strong and hardy and from three to three and one-half feet high.

**Alaska.** A smooth blue Pea, the earliest of all the extra early varieties; good flavor. pods dark green, well filled and ripen uniformly. One of the very best for market gardeners. Vines two and one-half feet high.

**Vick's Selected Extra Early.** A Specially Selected Strain. The earliest of the early white Peas; unsurpassed either for market or family use; of excellent quality; unusually productive for so early a variety. Vines two and one-half feet high.

**Gradus (Prosperity).** As an extra early Pea, the Gradus, being a sugar Pea, is far superior to all smooth varieties, not only in its delicious quality, but also in the size of the peas and of the pods.

**Surprise.** One of the earliest wrinkled Peas in the market. Vines grow about two feet high, are vigorous and need no bushing; pods well filled, containing about six or seven peas, which are exceedingly tender, sweet and fine flavored.

**Laxton's Superb** **Get description from page 4.** The Laxtons' of England are noted the world over, for introducing more good varieties of Peas than any other grower. Try the new variety "Laxton's Superb".

## EARLY VARIETIES

**Little Marvel.** An English variety that has come to stay. In fact, it is conceded by those who have grown it, to be one of the best dwarf earlies on the market. When better known it will supercede many other dwarf early sorts. Its strong points are its tendency to bear large crops, and its high quality. It is fully as early as American Wonder or Nott's Excelsior, vines dwarf, growing about fifteen inches in height, heavily set with pods two and one half to three inches in length, filled with six to seven large, dark green peas. Packet, 10 cents;  $\frac{1}{2}$  pint, 25 cents; pint, 35 cents.

**Nott's Excelsior.** An extra early dwarf, green, wrinkled sort. The peas are superior in sweetness and quality; the vines fully as large and vigorous as American Wonder, and yield in shelled peas fully as large.

**American Wonder.** One of the very best of the early wrinkled Peas; bearing large, well-filled pods. The vines are ten to twelve inches high, and of robust habit. A fine variety for the home garden.

**Extra Early Premium Gem.** An improved Little Gem, another extra fine dwarf Pea. Many consider it equal to either Nott's Excelsior or American Wonder. Vines 12 to 15 inches. Very productive, pods large and Peas of excellent quality. An old favorite.

**Laxtonian** A new dwarf Pea., having the same high quality as the Thos. Laxton and Gradus. The vines are about twelve inches high and when in bearing are filled with immense dark-green pods containing eight or nine large peas. It is but a few days later than the early sorts, but is classed as a second early. It is so productive, the pods so large and well filled, the quality so good, it is deserving of a place in every home garden.

**Boston Unrivalled.** One of the best medium late Peas, recently bred up from a strain of the well known market gardeners' favorite, Telephone. The improvement is that every pod contains seven to eight peas, while the Telephone is not so reliable in this respect. It is also more productive. Vines grow four to five feet high, covered with large pods about five inches long and three-fourths of an inch wide. The peas are tender and of excellent flavor. Packet, 10 cents;  $\frac{1}{2}$  pint, 25 cents; pint, 40 cents.

See Picture in Colors on inside of Front Cover.

Vick's Extra Early Pea is a favorite with Market Gardeners **Stands Early Planting and Ripens Early and Evenly.**



## MEDIUM EARLY VARIETIES

Packet, 10 cents;  $\frac{1}{2}$  pint, 20 cents; pint, 30 cents.

For quarts and larger quantities, see special low prices on page 42.

**Alderman.** A valuable early main crop variety, yielding heavy crops of large, dark green pods, well filled with large peas of the best quality. A splendid market gardeners' variety. Vines four to five feet high.

**Abundance.** Remarkably productive. Plant one and a half to two feet in height; pods three inches long; peas large, wrinkled, of superior quality.

**Everbearing.** A fine wrinkled sort, about thirty inches high; very robust, bearing heavy crops of large, well-filled pods; peas of excellent flavor. Owing to its branching habit, the peas may be sown thinly.

**Vick's Daisy.** The Daisy is a second early Pea of robust habit; the vines grow about two feet in height, bearing an abundance of well-filled pods containing seven to nine large and deliciously flavored peas. It is one of the finest early green wrinkled Marrow Peas in cultivation. Sturdy and branching in habit, requiring no stakes, coming early and remaining late in profitable productiveness, giving green peas of considerable size and of best quality, it is one in the very front rank.

**Horsford's Market Garden.** A wrinkled variety of superior quality growing two feet high, very stocky; requires no brushing; extremely prolific, bearing pods in pairs. A very desirable sort for canners' use.

**Telephone.** A fine, tall, wrinkled variety, and a great cropper, bearing immense pods of large peas of exquisite flavor. It is decidedly a market garden Pea, filling a basket quicker than any other variety. Vines four feet.

**Long Island Mammoth.** One of the most productive Peas in the list. Pods large and handsome, and well filled with peas of excellent flavor. This is another one of those popular sorts for the market gardener, as the large pods soon fill a basket, requiring but little time for gathering the crop.

**The Harvester.** A magnificent new medium early Pea, particularly valuable on account of its enormous yield. In addition to its great productiveness, The Harvester is a very handsome Pea of the highest quality.

Packet, 15 cents;  $\frac{1}{2}$  pint, 15 cents; pint, 35 cents.

## LATE OR MAIN CROP VARIETIES

Packet, 10 cents;  $\frac{1}{2}$  pint, 20 cents; pint, 30 cents.

See our special low prices on quarts and larger quantities, on page 42, except as noted.

**Admiral Dewey.** A fine main crop variety. Very productive; bearing enormous pods and large sugar Peas. Vines about three and one-half feet.

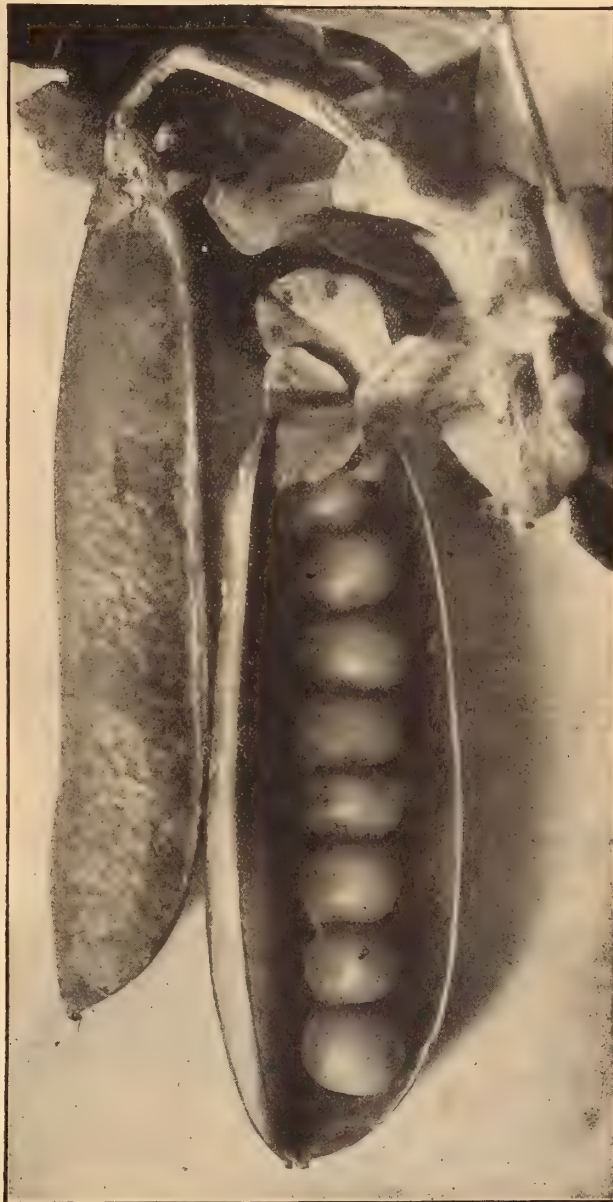
**Improved Stratagem.** This is one of the best of the large podded sorts; vigorous, productive, and of exceedingly fine quality; a favorite with market gardeners everywhere. Vines two to two and one-half feet high.

**Improved Pride of the Market.** A very robust, strong-growing variety, about two feet high, requiring no bushing or support; wonderfully productive; fine in appearance, and quality most excellent. A fine Pea for the kitchen garden or for market use.



GRADUS OR PROSPERITY PEAS (See page 32)

For a rotation of three fine quality Peas, plant; early, Thomas Laxton; Medium, Vick's Daisy; Late, Improved Stratagem



VICK'S DAISY

**Champion of England.** A handsome variety, popular everywhere.

One of the richest and best-flavored green wrinkled Peas. Five feet in height.

**Melting Sugar.** This variety is used either shelled or cooked in the pod, like string Beans, and when young is very tender and sweet. It is but little known in this country, while abroad it is considered a great relish.

Packet, 15 cents;  $\frac{1}{2}$  pint, 25 cents; pint, 35 cents. For quarts and larger quantities, see special low prices, page 42.

**Large Black-Eyed Marrowfat.** Well-filled pods. Four feet tall.  $\frac{1}{2}$  pint, 15 cents; pint, 25 cents. For quarts and larger quantities, see special low prices, page 42.

**Large White Marrowfat.** Like the Black-Eyed Marrowfat, extensively grown as a field crop.  $\frac{1}{2}$  pt., 15 cents; pt., 25 cents. For quarts and larger quantities, see special low prices, page 42.

**Canada Field.** Possess high value for hay, for green fodder, and for seed grains for all kinds of stock. Peck, \$1.35; bushel, \$4.50. Charges not prepaid. Subject to market change.



# Vick's Radishes

Radies, Ger.

Rabanito, Span.

Ravanello, Ital.

For early use seed should be sown in the hotbed, in drills, three to four inches apart and half an inch deep. For open ground sow as early as weather conditions permit. Winter Radish should be sown about the middle of the summer, and makes best growth in autumn. One ounce will sow 100 feet of drill; ten pounds to the acre.

## Vick's Three Weeks Radish

### A New Forcing Radish of Great Value

Extremely Early. Brilliant Color. Small Top and Tap Root. Uniform Shape. Good Quality.

Packet, 10 cents; oz., 25 cents;  $\frac{1}{4}$  lb., 40 cents; lb., \$1.25.

Vick's Three Weeks Radish can be grown, ready for the table, in less than three weeks from the day of sowing the seed. The root begins to develop with the development of the first leaves. This new Radish has a color quite distinctive, a light, fiery scarlet, giving it a very attractive appearance in the market or on the table. Vick's Three Weeks has a small top, even for an early Radish, and a remarkably slender tap root. Vick's Three Weeks Radish is perfectly round and grows to a uniform size; in fact, it is remarkably uniform both in size and shape. As a forcing Radish we have found Vick's Three Weeks all that could be desired. Solid, crisp and tender. Equally valuable for the garden.

Vick's Three Weeks Radish is entirely distinct from any Radish heretofore offered. As an all-around Radish we do not think it can displace Vick's Scarlet Globe; but it has sterling qualities of its own that will give it a permanent place in the list of best Radishes.

**Early Round Dark Red (Non plus ultra).** Especially adapted for forcing on account of its very small tap-roots and top. It is also good for summer use in open ground. Skin dark red; flesh white, crisp and tender.

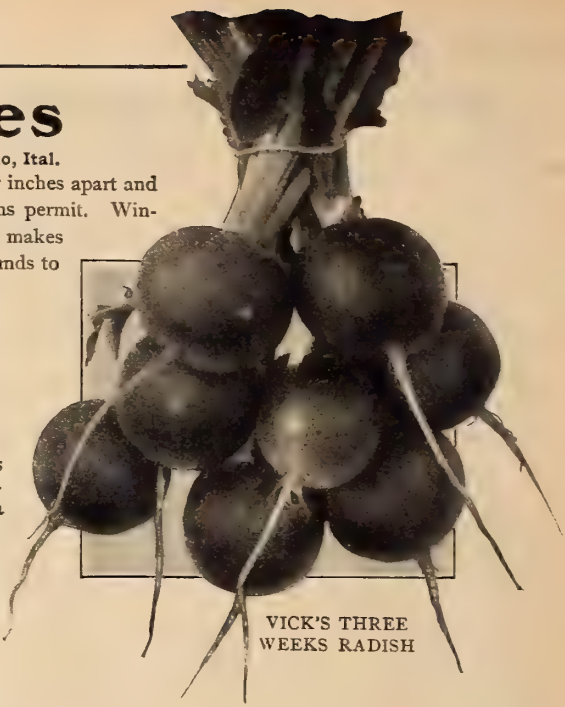
Packet, 5 cents; ounce, 15 cents;  $\frac{1}{4}$  lb., 25 cents; lb., 75 cents.

**French Breakfast, or Scarlet Olive-shaped White Tip.** Very tender and beautiful. Fine for open ground or forcing.

Packet, 5 cents; ounce, 15 cents;  $\frac{1}{4}$  lb., 25 cents; lb., 75 cents.

**Long Brightest Scarlet or Cincinnati Market.** The brightest and handsomest long scarlet Radish grown. Fit for use in twenty-five days from the time of sowing, and remains in good condition until fully grown.

Packet, 5 cents; ounce, 15 cents;  $\frac{1}{4}$  lb., 25 cents; lb., 75 cents.



VICK'S THREE WEEKS RADISH

**Cooper's Sparkler.** A new variety of an entirely distinct type. In shape it is globular; the top is very short, thus making it adaptable for forcing, although it is equally good for outside. The color is a rosy carmine, with a long white tip. Cooper's Sparkler will keep longer in good condition than any other variety we have tried, and can be grown the year round. Successive sowings should be made during the summer.

Packet, 5 cents; oz., 15 cents;  $\frac{1}{4}$  lb., 35 cents; lb., \$1.00.

**Vick's All Seasons.** Good at all times; from the size of a marble to as big as a base ball. It may be sown from spring until autumn, and the roots obtained from late sowing can be kept in storage for winter consumption. It can be used in all stages, from the size of a marble until full grown. The root is round, of brilliant scarlet color, grows to a very large size, and remains firm and brittle to the end. When sliced and salted it makes a very fine relish.

Packet, 5 cents; oz., 15 cents;  $\frac{1}{4}$  lb., 35 cents; lb., \$1.00.

**White Delicious.** An improvement on the White Strasburg, being earlier, more evenly shaped, and having a smaller top. For outdoor early fall sowing it is sure to make a crop of uniform white Radishes. Quality first class.

Packet, 5 cts.; oz., 15 cents;  $\frac{1}{4}$  lb., 25 cents; lb., 75 cents.

**White Strasburg Summer or White Hospital.** A large white, showy, half-long variety. Matures early. A leading market variety.

Packet, 5 cents; oz., 15 cents;  $\frac{1}{4}$  lb., 25 cents; lb., 75 cents.

**Vick's Improved Long Scarlet Short-Top.** The favorite long market Radish everywhere; six or seven inches long. Our strain of this popular sort has been grown from a selection year after year until it is perfection itself.

Packet, 5 cents; ounce, 15 cents;  $\frac{1}{4}$  lb., 25 cents; lb., 75 cents.

## Vick's Early Scarlet Globe

### The Best Radish for General Use

Packet, 5 cents; ounce, 15 cents;  $\frac{1}{4}$  lb., 25 cents; lb., 90 cents.

It is handsome in both form and color, a beautiful oval and a rich scarlet; the flesh is crisp, tender, juicy and mild. The amount of its foliage is small compared with other varieties and small for the size of the Radish, making it a particularly attractive market sort. As a forcing Radish, Vick's Early Scarlet Globe is the best in every way, bearing the heat requisite for forcing without becoming pithy or spongy. Away back in 1884, we introduced this universally popular Radish, and today it is sold by almost every seedsmen in the world, and is also used by the leading market gardeners both for forcing and out-of-door planting. Owing largely to our care in selecting and growing seed, it leads all other varieties.

Vick's Early Scarlet Globe Radish is the Best all-round Radish on the market; and is therefore valuable for both the home gardener and the man who grows Radishes for the market. You will find "Vick Quality" in every ounce.



VICK'S EARLY SCARLET GLOBE

Here are two extra fine Radishes, "Cooper's Sparkler" and "Vick's Three Weeks." Try them in your garden this spring



## VICK'S RADISHES—Continued

**Long White Vienna or Lady Finger.** Beautiful in shape; skin and flesh snow white; crisp and tender.

Packet, 5 cents; ounce, 15 cents;  $\frac{1}{4}$  lb., 35 cents; lb., \$1.00.

**Icicle.** A beautiful transparent white variety, about three inches long and half an inch in diameter, with small tops; very crisp and brittle, and remains in good condition a long time; does not get pithy. Suitable for forcing.

Packet, 5 cents; ounce, 15 cents;  $\frac{1}{4}$  lb., 25 cents; lb., 75 cents.

**Scarlet Turnip White Tip (Rosy Gem).** Forcing. Very desirable for forcing and outdoor planting. Tops and roots both small; skin bright scarlet; flesh very mild and crisp.

Packet, 5 cents; ounce, 15 cents;  $\frac{1}{4}$  lb., 25 cents; lb., 75 cents.

**Extra Early Scarlet Turnip.** Medium size, with a small top. Excellent for forcing.

Packet, 5 cents; ounce, 15 cents;  $\frac{1}{4}$  lb., 25 cents; lb., 75 cents.

**Other good varieties:** Triumph, Yellow Turnip, Philadelphia White Box, Scarlet Turnip, White Turnip, Wood's Early Frame.

Packet, 5 cents; ounce, 15 cents;  $\frac{1}{4}$  lb., 25 cents; lb., 75 cents.

## Winter Radishes

The Winter Radishes have a very firm white flesh. Grown to maturity in the fall. They may be kept a long time.

Packet, 5 cents; ounce, 15 cents;  $\frac{1}{4}$  lb., 25 cents; lb., 75 cents.

**Chinese Rose Winter (Scarlet Chinese).** One of the very best.

**Large White Spanish Winter. Long Black Spanish Winter. Round Black Spanish Winter.**

**California Mammoth White Winter.** Eight to twelve inches long and from two to three inches in diameter; white, solid, and of good flavor.

**Japanese Radish.** specimens weighing as with light cream colored in Japan. While it is our Radishes, but cooked pleasant. Well worth a this vegetable. Seed Packet, 10 cts.;

A Japanese variety of great size, some much as 12 to 15 pounds. Oval in shape, skin and pure white inside. Very popular called a Radish, it is not eaten raw as we do like a Turnip, the taste being very mild and trial. Those liking the Turnip will relish must be sown in May.

oz., 15 cts.;  $\frac{1}{4}$  lb., 35 cts., lb., \$1.25.



VICK'S IMPROVED  
THICK-LEAVED

OR LONG STANDING  
SPINACH

## SPINACH

Spinat, Ger.; Espinaca, Span.; Spinace, Ital.

Nearly everyone likes succulent green vegetables in early spring. If you have not sown Spinach in your garden heretofore, why not try it this year? It is the easiest and quickest way to produce a crop of "greens." We handle immense quantities of Spinach Seed for a critical market garden and truck farm trade and use only the highest grade of seed, produced by the most expert growers in the world. This year the crop is the shortest ever known, and good seed is very scarce.

For a succession, the seed may be sown early in April and again in May in drills one foot apart and one inch deep, properly thinning out when plants are an inch in the leaf. For the principal crop, sow from first to middle of September, protecting the crop with a light covering of straw or leaves. One ounce for 100 feet of drill; 10 pounds in drills, for an acre.

All varieties, per packet, 5 cts.; oz., 15 cts.;  $\frac{1}{4}$  lb., 50 cts.; lb., \$1.25, except as noted.

**All Seasons** It is a well-known fact that Spinach will not stand the hot days of summer without quickly running to seed. All Seasons will stand and remain in an edible condition longer than any other variety we have grown. The foliage is dark green, crinkled, sweet and luscious. The seed may be sown at intervals during the summer. An exceptionally fine variety.

**Improved Thick-Leaved, or Long-Standing.** Leaves large and thick, somewhat crumpled. Does not run to seed as early as most other varieties.

**Victoria.** A valuable sort. Its attractive dark green color, long-standing, and hardy character, make it desirable for both spring and late sowing.

**Round or Summer.** Adapted for early spring sowing, and quite popular with market gardeners. Leaves thick and large. It stands the winter well.

**Large Round-Leaved Viroflay.** Large, round, thick and fleshy leaves. Good for early sowing. Quite hardy. One of the best for fall sowing.

**Bloomsdale or Savoy-Leaved (Norfolk.)** The earliest of all varieties, and one of the best to plant in autumn for early spring use. The leaf of this sort is wrinkled in the same manner as the Savoy Cabbage.

**Prickly or Fall.** A hardy variety, used for fall sowing. With very slight protection it will withstand the severest weather.

**New Zealand.** This variety grows two or three feet in bush form. The leaves and stems are succulent and tender. It can be picked at any time during the summer and may be cooked the same as the ordinary spinach. It succeeds in almost any soil. The seed should be soaked in warm water a few hours before planting.

## RHUBARB

Rhabarber, Ger.; Ruibarbo, Span.; Rabarbaro, Ital.

Sow in drills eighteen inches apart and one inch deep. Thin out the plants to six inches apart. In the fall prepare the permanent bed by trenching two feet deep, mixing a liberal quantity of manure with the soil. Into this set the plants about five feet apart each way. The stalks should not be cut until the second year. One ounce should give about 500 plants.

Packet, 5 cts.; oz., 10 cts.;  $\frac{1}{4}$  lb., 25 cts.; lb., 80 cts.

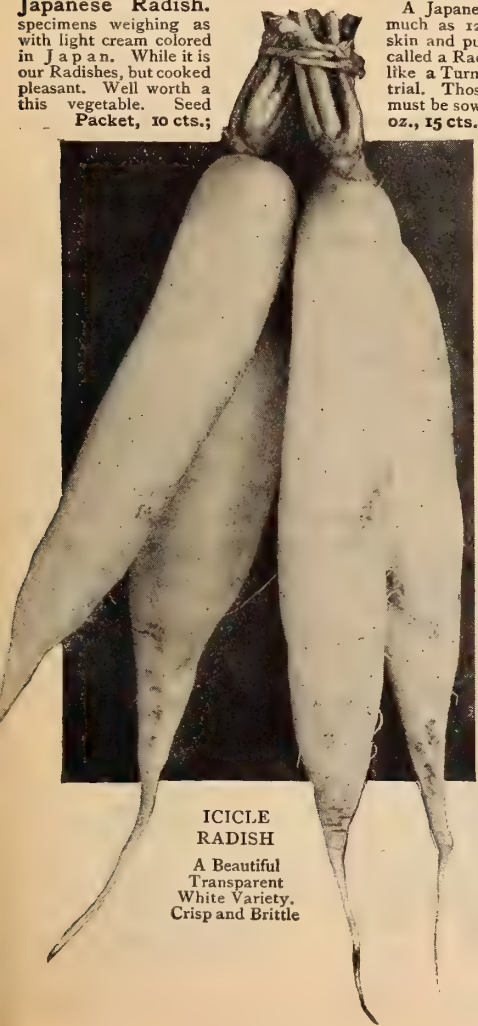
**St. Martin's.** One of the earliest as well as most prolific.

**Linnaeus.** Early and tender.

**Victoria.** Very large, but later than Linnaeus.

Roots of above, each, 15 cents; dozen, \$1.50.

**Grow your own vegetables and fruit. They require but very little space**



ICICLE

RADISH

A Beautiful  
Transparent  
White Variety.  
Crisp and Brittle



# Vick's Seed Potatoes

Owing to the increase in the price of Barrels and Boxes we have decided to ship Potatoes in extra strong sacks and allow our customers the difference in the cost. The package will be strong and secure. Those who prefer Barrels should add 40 cents for each Barrel. No charge for sacks.

We always ship Potatoes and other heavy goods by fast Freight, except when ordered sent by Express, or when the quantity is such that to send by Express is cheaper. Both the yield and the quality of the Potato crop throughout the country was greatly injured last summer by the continued rains. In some cases the early blight stopped the growth when the tubers were small, and in others rotted the matured potatoes. Good, sound seed stock is very scarce. We quote subject to prices advancing, although we shall sell at these quoted here as long as conditions warrant. Our stock is free from rot and scab, and first class in every way,

At Pound and 3-Pound Prices, Mail or Express Prepaid. Peck, Bushel of 60 lbs., or Sack of 165 lbs., Not Prepaid.

## EARLY VARIETIES

**The Bovee.** For an extra early this variety is one of the best; almost as early as the Ohio and an exceedingly heavy yielder for an early Potato. A vigorous grower, good keeper, and fine quality. In color it resembles the Hebron or Rose class. It grows to a good size, oval in shape. An excellent variety.  
 Pound, 30 cents; three lbs., 75 cents. Peck, \$1.15; bushel, \$3.50; sack of 165 lbs., \$8.75.

**Ohio Junior.** This variety, while not of recent introduction, is one of the earliest Potatoes cultivated, and on this account is prized by market growers. The tubers are oblong oval, round at the seed end, with full eyes that are almost even with the surface. An excellent keeper, very productive, of fine quality, and has proved to be a most valuable addition to our list of extra early varieties.  
 Pound, 30 cents; three lbs., 70 cents. Peck, \$1.10; bushel, \$3.50; sack of 165 lbs., \$8.75.

James Vick's Sons, Rochester, N. Y.

*I will have to write and tell you that we have been quite successful in the last few years since I have sent for seeds, plants, etc., from your house. Last year I sent for one pound of "Early Rose" Potatoes. From them I raised two pecks.*

Fountain City, Wis., Mar. 5, 1916.

Yours for success, Mrs. FRED FRANK.

**Early Rose.** An old favorite early. One of the best for the home garden.  
 Pound, 30 cents; three lbs., 75 cents. Peck, \$1.15; bushel, \$3.50; sack of 165 lbs., \$8.75.

**Irish Cobbler.** An extra early, white, round Potato, fine cooking quality and one of the very best early sorts.  
 Pound, 30 cents; three lbs., 70 cents. Peck, \$1.10; bushel, \$3.50; sack of 165 lbs., \$8.50.

## LATE VARIETIES

**Vick's Late Victor.** Catalogued in 1911 for the first time. One of the best main crop, late, round, white potatoes in cultivation; skin smooth and clear; shape uniform; tubers sound and of excellent cooking quality. This new sort is very productive, vines large and branching, and a large number of fine, sound tubers of just the right size and shape, in each hill. We are pleased to recommend this new variety to all of our customers.  
 Pound, 30 cents; three lbs., 70 cents. Peck, \$1.10; bushel, \$3.35; sack of 165 lbs., \$8.25.

**Carman Seedling.** A late round white main crop variety. Very handsome, productive and of excellent cooking quality. It is fresh from the seed ball and produces unusually well. This variety we consider one of the best main crop potatoes we have ever grown.  
 Pound, 30 cts.; three pounds, 70 cts. Peck, \$1.10; bushel, \$3.30; sack of 165 lbs., \$8.25.

**Sir Walter Raleigh.** This seedling of Carman No. 2 is a grand main crop variety. It is an extremely heavy yielder of handsome white skinned, fine grained, smooth, oval potatoes.  
 Pound, 30 cts.; three pounds, 65 cts. Peck, \$1.00; bushel, \$3.10; sack of 165 lbs., \$7.75.

**Maggie Murphy.** The Maggie Murphy is conceded by Potato growers to be one of the best Late Rose varieties, and if planted on light soil the quality is unsurpassed, the yield enormous. This Potato is oval in form, the skin a delicate pinkish tint, with russet markings, eyes flush with the surface. Plants very strong and vigorous, remaining green up to maturity. Pound, 30 cents; 3 lbs., 70 cts.; Peck, \$1.10; bushel, \$3.50; sack of 165 lbs., \$8.50.

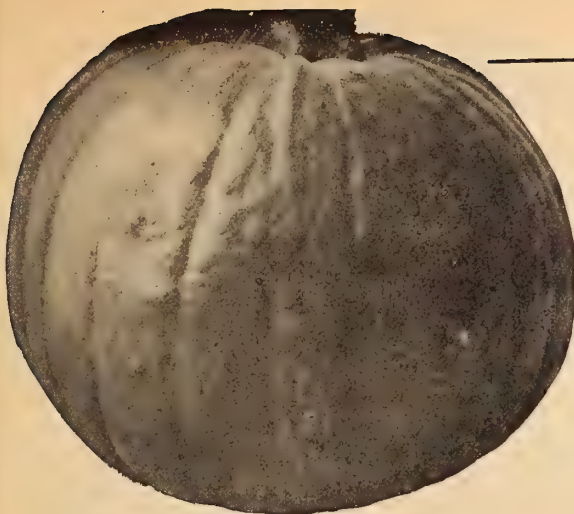
**Improved Green Mountain.** One of the best general crop varieties; round, white, large tops. Does well in all localities and yields large crops. Pound, 30 cts.; three pounds, 70 cents. Peck, \$1.10; bushel, \$3.25; sack of 165 lbs., \$8.00.

A Basket of  
Irish  
Cobbler



Many of the best varieties of Vegetables and Flowers were originated by us. We have had over 60 years experience





PUMPKIN, SUGAR OR PIE

## Vick's Pumpkins

Melonen-Kürbiss, Ger.; Calabaza totanera, Span.; Zucca, Ital.

Plant in hills eight feet apart each way, any time after the middle of May. Avoid planting near other vine crops, as they will hybridize and damage the crop. One ounce will plant about twenty-five hills; four pounds to the acre.

Packet, 5 cents; oz., 15 cents;  $\frac{1}{4}$  lb., 30 cents; lb., \$1.00; except as noted.

**Winter Luxury.** A medium-sized pumpkin, of very high quality. It is also a good keeper, wonderfully productive, while its finely netted skin and golden-russet color make it desirable for market use.

**Large Sweet Cheese (Kentucky Field).** Very productive. Shape flat; skin mottled light green and yellow, changing to a rich crimson color; flesh yellow, thick, and tender.

**Golden Oblong.** A productive variety, oblong in shape, growing 16 to 18 inches long. Skin golden orange, thin and tough; almost as good a keeper as the hard-shell winter Squash. Flesh yellow, dry, and sweet; excellent.

**Large Tours, or Mammoth.** Grows to an immense size, often weighing over 100 lbs. Packet, 5 cents; oz., 15 cents;  $\frac{1}{4}$  lb., 45 cents; lb., \$1.50.

**Mammoth Red Etampes.** Skin brilliant, glossy red; flesh deep orange, very thick. Matures early. Packet, 5 cents; oz., 15 cents;  $\frac{1}{4}$  lb., 45 cents; lb., \$1.50.

**King of the Mammoths, or Jumbo.** The largest of all Pumpkins. Round in shape, flattened at both ends. It is a splendid keeper, and valuable for stock feeding; also desirable for exhibition purposes.

**Connecticut Field.** The hardiest of all Pumpkins; cultivated mainly for stock feeding, producing enormous crops.

Packet, 5 cents; oz., 10 cents;  $\frac{1}{4}$  lb., 25 cents; lb., 60 cents.

**Cushaw, or Crookneck.** A favorite sort of excellent quality.

**Sugar, or Pie.** The Favorite for Pies. Small, round, handsome deep orange. Flesh fine grained, sweet and dry. Plants very productive.



MAMMOTH SANDWICH ISLAND SALSIFY

## SALSIFY

Haferwurz, Ger.; Salsifi blanco, Span.; Sassefrica, Ital.

**Mammoth Sandwich Island.** This is the largest and most profitable Salsify now in cultivation. It is classed very highly as a medicinal remedy for indigestion. It succeeds in any soil if well cultivated and kept free from weeds.

Packet, 5 cents; oz., 20 cents;  $\frac{1}{4}$  lb., 65 cents; lb., \$2.50.

**Spanish Salsify, Scolymus.** In flavor the Scolymus is between Salsify and Parsnip. More productive and lighter color than other varieties of Salsify. Packet, 10 cents; oz., 20 cents;  $\frac{1}{4}$  lb., 60 cents; lb., \$2.25.

When ordering plants or shrubs remember that we prepay the Express or Parcel Post east of the Mississippi River

## Vick's Summer Asparagus

### Cut and Come Again Vegetable

Read the letter below from a customer who has tried it

One of the most delectable vegetables that has been introduced in years. Well worth a place in everyone's garden. All who have tried it pronounce it delicious.

The plant makes a strong growth, very much like that of the Summer Crookneck Squash. The oblong green fruit forms close down in the axils of the leaves. It should be cut when not more than four to six inches long. As the fruit grows larger it loses its delicacy of flavor, and when one fruit is allowed to mature it checks the formation of any more fruit on that plant. Care should be taken in cutting not to injure the plant.

Cooked the same as Asparagus, either whole or cut in small pieces without peeling. Especially delicious cut in small pieces and cooked with cream. It is also used sliced and fried and as a salad.

Four or five hills is sufficient for a large family, as it may be cut almost every day until frost. Sown early it will fruit from the latter part of June until October. Plant in hills  $3\frac{1}{2}$  to 5 feet apart any time from the latter part of May until July first.

Packet, 10 cents; Ounce, 25 cents.



SUMMER ASPARAGUS

Wisconsin, Feb. 24, 1916.

James Vick's Sons, Rochester, N. Y.

Sirs:—Last summer I planted some of your "Summer Asparagus" and like it very well. I planted only one package for the first as there was no one around here who had ever grown it or heard of it, and my customers all wanted to try it. They were so well pleased with it that I was unable to keep them supplied. I will have to plant more this year, as I think there will be a big demand for it.

I planted them in hills, six feet apart, and three plants to a hill, and had a row fifty feet long from a ten-cent packet of seed. I sold seven dollars worth of fruit besides having some for my own use and giving some to my customers for samples. They were just getting in good demand when the frost killed the plants. Some of my customers cooked the fruit the same as Asparagus, and some like Egg Plant, and said it was delicious both ways.

I hope I will be able to double my seed order for 1917, as I think they will be in great demand this year, as I had orders for them long after the plants were frozen. Wishing you many more years of success.

Yours very sincerely,

C. R. LEWIS.

## VICK'S VEGETABLE COLLECTION—50 c.

### 7 FINE VEGETABLES FOR THE HOME GARDEN

One Packet of Each of the Following:

- 1 Boston Unrivalled Peas
- 1 Refugee Wax Beans
- 1 Vick's Extra Early Scarlet Globe Radish
- 1 Vick's Special Strain Big Boston Lettuce
- 1 Vick's Own Selected Yellow Globe Onions
- 1 Vick's Golden Nugget Sweet Corn
- 1 Detroit Dark Red Beets

Seven Packets (One Each of the Above)  
for 50 cents

Pictured in colors on the inside of the Front Cover





Vick's  
Earliana

## Vick's Selected Tomatoes

Liebesapfel, Ger.

Tomate, Span.

Pomo d' oro, Ital.

**S**OW seed for early tomatoes in boxes in the house or in a hot bed early in March. In about five weeks plants should be transplanted setting them about four or five inches apart. Here they should remain, having all the air possible, until after the middle of May, when they may be put out in the ground, four feet apart each way. If not too early or too cold, a coldframe will answer for the first transplanting. The soil for early Tomatoes should not be too rich. Pinching off the ends of the branches when the first fruit is set, will hasten the ripening. One ounce of seed will produce 2000 plants; one-quarter pound (to transplant) for an acre.

### Earliana Tomato—Vick's Improved Strain

In a remarkable report recently issued by one of the best known and most careful State Experimental Stations, it states that in a series of tests of various strains of Earliana, ranging over several years, our strain of Earliana ranked first for earliness and second for productiveness over the whole period. This is probably the most thorough and unbiased test ever made. It shows very clearly the decided superiority of our strain of Earliana over nearly all other stocks of Earliana in this test. No more conclusive argument is needed to corroborate our opinion that our special strain of Earliana is so vastly superior to the ordinary run of Earliana Tomato as to be entitled to a special consideration, if not a new, distinctive name.

**Vick's Improved Strain** has been grown on our own farms continuously since the variety was first introduced, and by careful selection it has been improved by us from year to year.

**Vick's Improved Strain now grows uniformly, round and smooth.** In this respect it is a great improvement over the ordinary stock of Earliana.

**Vick's Improved Strain sets its fruit thickly in the center of the plant.**

**Vick's Improved Earliana should be planted in every garden where the very best in yield and quality is desired**

**Vick's Improved Strain ripens its main crop early.** Instead of ripening one at a time at intervals through the whole season, the whole crop usually ripens within a short time.

**Vick's Improved Strain is the most profitable** Tomato that can be grown by the Market Gardener and Truck Farmer.

**Vick's Improved Strain ripens up to the stem** better than any other variety of early Tomato now on the market. It has a good **bright red color**. It is a solid, meaty Tomato of good flavor, and first class for canning and for making catsup.

**Vick's Improved Strain has a small growth of vine** and may be planted two and one-half by four feet, effecting a great saving of space over many other varieties.

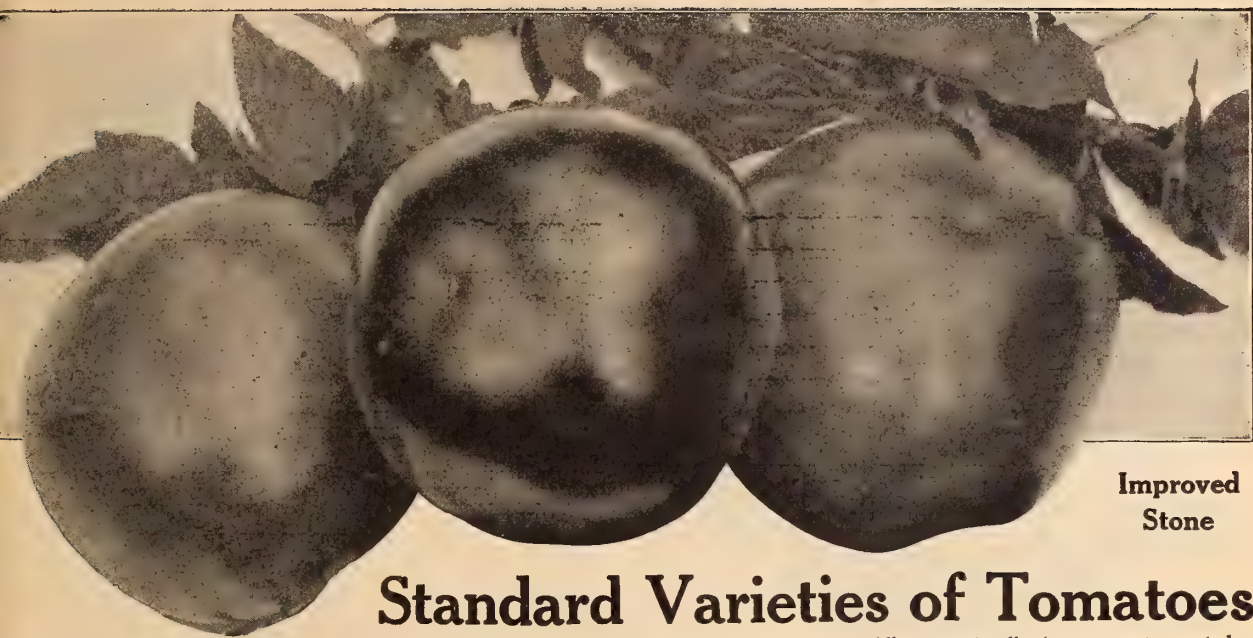
**Packet, 10 cents; half ounce, 20 cents; Ounce, 35 cents; quarter pound, \$1.00; pound, \$3.50.**

### John Baer Tomato

An extra early scarlet fruited variety of superior merit. Productive and hardy; round, smooth and firm. Excellent quality, one of the first to ripen and furnishes fruit for the market for a long season. A good variety for the market and home garden.

**Packet, 10 cents; half ounce, 20 cents; ounce, 35 cents; quarter pound, \$1.00; pound, \$3.50.**





**Improved  
Stone**

## Standard Varieties of Tomatoes

Packet, 5 cents;  $\frac{1}{2}$  ounce, 20 cents; ounce, 35 cents;  $\frac{1}{4}$  lb., 90 cents; lb., \$3.25, except as noted.

**Improved Stone** The Best Main Crop Red Tomato. Color bright scarlet; very smooth; ripening even to the stem without a crack; exceedingly solid and firm fleshed; very large and very productive; an excellent shipper; quality the very best; not subject to rot; its appearance on market remarkably attractive; a heavy variety. It is the standard main crop Tomato for market gardeners and truckers, and superior for canning.

**Dwarf Stone.** Fruit like Improved Stone. The strong, upright growth allows very close planting. The plants may be set 18 by 24 inches apart and yet produce an abundant crop.

**Chalk's Early Jewel.** A fine second-early Tomato about ten days later than Earliana. Fruit large size and fine flavor. The plants are compact and strong, one of the best for shipping and the home garden. Continues bearing throughout the Summer.

**Livingston's Coreless.** Immensely productive; almost round. The strong outside and inner wall of flesh of the Livingston's Coreless render it a very firm fruit and one of the best for long distance hauling or shipping. Color bright red. Vines are very vigorous and hardy.

**Golden Queen. (Queen of the Yellows.)** Solid, smooth, large in size, and ripens early. Makes a handsome, rich preserve. This Tomato should be grown in every home garden; its flavor is better and more delicate than the red varieties, the flesh finer-grained and very tender. Try it.



**PONDEROSA**

**Ponderosa.** A purple-pink, main crop tomato of the largest size. The vines are vigorous and very productive. The fruit is solid with exceptionally few seeds; fairly smooth and considered of very good quality, especially by those who prefer a tomato quite free from acid. It is a very desirable tomato for slicing. Pkt., 10 cents;  $\frac{1}{2}$  oz., 30 cents; one oz., 50 cents;  $\frac{1}{4}$  lb., \$1.75; lb., \$6.00.

**Dwarf Champion.** Dwarf and compact in habit, the plants growing stiff and upright, with very thick and short-jointed stems, requiring no stakes. Often sold as Tree Tomato. Can be planted as close as three feet. Unsurpassed as a cropper. Color deep red, with a purplish tinge. Round and smooth.

**Matchless.** One of the best main crop varieties. Fruit bright red, large, solid and smooth, of fine quality, ripening uniformly.

**June Pink.** A purple pink selection from Earliana. The fruit is smooth and the plant a good yielder.

**Stirling Castle.** A fine variety for forcing purposes, and for outdoor planting when grown on a single stem. The fruit is round and deep, of medium size, smooth, free from cracks or watery cavities, and almost seedless; color bright scarlet. Very early. Packet, 20 cents.

**Bonny Best.** Almost identical with Vick's strain of Earliana in vine and fruit, but a week to ten days later. Packet, 10 cents;  $\frac{1}{2}$  ounce, 25 cents; ounce, 40 cents;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.00.

**Magnus.** Medium early, of perfect form, large, ripens evenly, does not crack about the stem. Flavor most desirable. Potato leaved foliage.

**Plum-Shaped Yellow.** Handsome in appearance and valuable for preserving. Excellent served raw with pepper and vinegar.

**Pear-Shaped Red.** True pear-shaped, small, bright red. Used for preserves and for making "Tomato figs."

**Pear-Shaped Yellow.** Same as the above, except that color is yellow.

**Red Cherry.** Small, perfectly round and smooth, bright red borne in large clusters. Fine for preserves and pickles.

**Yellow Cherry.** Differs from Red Cherry only in color.

**Husk or Strawberry (Winter Cherry, etc.)** Fruit golden yellow, size of a cherry. Fine for pies, preserves, or eating from the hand.

**Acme.** A hardy, strong growing variety. Ripens fruit early. Fruit of good size, ripening well to the stem. Purplish pink in color; flesh solid. Pkt., 5 cents; oz., 20 cents;  $\frac{1}{4}$  lb., 65 cents; lb., \$2.00.

### Other Standard Varieties

Pkt., 5 cents;  $\frac{1}{2}$  oz., 15 cents; oz., 25 cents;  $\frac{1}{4}$  lb., 65 cents; lb., \$2.00.

**Livingston's Favorite, Improved Trophy, Perfection, Peach, Beauty, Paragon, Royal Purple.**

**Ripe Tomatoes are always a welcome addition to the meal; especially when they are fresh from your own garden**



# SQUASHES

Kürbiss, Ger.

Calabaza, Span.

Zucca, Ital.

Squashes require a rich soil. Use plenty of pulverized sheep manure or other fertilizers in the hills. Plant a dozen seeds in each hill, and when danger from bugs is over cut out all but three or four, being careful not to disturb the remaining plants. For bush sorts, make hills four or five feet apart each way, and for the running kinds twice that distance. Winter Squashes should be ripened thoroughly, or they will not keep through the winter. One ounce of early varieties for fifty hills and two ounces of late will plant fifty hills; three to four pounds per acre.

Packet, 5 cents;  
ounce, 15 cents;  
¼ lb., 40 cents;

lb. \$1.25  
except as noted;  
all postpaid.



IMPROVED

HUBBARD SQUASH

## FALL AND WINTER SQUASHES

**Delicious.** In size it resembles the Hubbard. In thickness of flesh it surpasses nearly every variety. The color is dark bronze green. For table use no other variety compares with it in its remarkable combination of fineness and compactness of grain, dryness, sweetness, and exceeding richness of flavor. It is best in the fall and early winter. Specially selected strain. Packet, 5 cents; ounce, 15 cents; ¼ lb., 45 cents; lb., \$1.50.

**Early Prolific Orange Marrow.** An improvement by selection from Boston Marrow; not so large but much earlier. Skin orange-colored; flesh deep, fine grained, and of delicious flavor.

**Golden Bronze.** Weight from eight to ten pounds; color, a dark grayish green with bronze on the upper surface when ripe; flesh golden-yellow, very thick, fine grained; sweet, and of a delicious flavor. Matures early, and is a good yielder and splendid keeper. As a Squash for the table and pies it has no superior.

**Improved Hubbard.** The standard Winter Squash; no better variety grown; more generally cultivated as a late sort than any other. Flesh fine-grained, dry and of excellent flavor.



GOLDEN BRONZE SQUASH

MAMMOTH  
BUSH SUMMER CROOKNECK

**Chicago Warty Hubbard.** This has some points not seen in the old standard, the shell having a dark green, almost a black color; and also distinguished by a dense covering of knots or warts. It is of first-class quality.

**Red, or Golden Hubbard.** This is a true Hubbard Squash except in color, which is a bright orange-red. The flesh is deep golden yellow.

Packet, 5 cents; oz., 15 cents; ¼ lb., 45 cents; pound, \$1.50.

**Foothook.** A very fine winter variety. Shell a bright yellow; flesh straw-yellow, dry and sweet, and of good flavor. Matures early, a sure cropper and very productive. May be used at any stage of growth.

**Sibley, or Pike's Peak.** A distinct and valuable variety. Shell pale green, very hard; flesh solid and thick, orange color; flavor rich.

**Boston Marrow.** Very popular in the Boston market. Oval shape; skin yellow; flesh orange-colored and fine-grained.

Packet, 5 cents; ounce, 10 cents; ¼ pound, 30 cents; pound, \$1.00.

**Mammoth Chili.** The largest of all Squashes; grows to an enormous size. One of the most profitable sorts for stock feeding. Keeps well throughout the winter; extensively grown for prize exhibits.

Packet 5 cents; oz. 15 cents; ¼ lb. 50 cents; 1 lb. \$1.75

**Vegetable Marrow.** Flesh rich, salmon yellow, dry and fine-grained. Excellent as a pie-squash.

## SUMMER SQUASHES

Packet, 5 cents; ounce, 15 cents; ¼ lb., 40 cents; lb. \$1.25.

**Mammoth Bush Summer Crookneck.** The richest and best of the Summer Squashes. Early and productive. Color golden yellow; flavor sweet and rich. It is almost twice as large as the ordinary Summer Crookneck. Packet, 5 cents; ounce, 15 cents; ¼ lb., 45 cents; lb., \$1.50.

**Mammoth White Bush Scallop.** (Silver Custard). The best of the scalloped Squashes. Plant true bush form. Fruit oval to flat. Early and valuable for market or table. Handsome and of fine quality.

**Early White Bush Scallop** (Patty Pan). Early and productive, of medium size. Color, creamy white; surface, smooth. Flesh thick and of high quality. In shape, round, flattened at the ends. If fruits are gathered when ready for table the plants will continue to bear throughout the summer.

**Delicata.** A beautiful small oblong Squash. In color orange, striped with dark green on the outside. The flesh is rich, dry and extra fine quality when cooked. In season it is very early.



DELICIOUS SQUASH

We have originated many of the leading varieties of both vegetables and flowers now being grown in this country



# TURNIPS

Weisse-Rübe, Ger.

Nabo, Span.

Navone, Ital.

**S**OW in drills from twelve to eighteen inches apart, and half an inch deep. In this climate we sow from the 25th of July until the middle of August. Swede or Ruta Baga Turnips should be sown the first of June, the rows being about eighteen inches apart, and the plants in the rows not less than ten inches. One ounce of seed will sow 200 feet of row; and two to three pounds are required for an acre in drills.

Packet, 5 cts.; oz., 10 cts.;  $\frac{1}{4}$  lb., 25 cents; lb., 75 cents; except as noted.

**Purple-Top Strap-Leaved.** Flat, medium size, purple above the ground, white below. The most popular variety for early use, either for table or stock.

**Early White Flat Dutch, Strap-Leaved.** Similar to above. A fine, early, white sort, of quick growth and excellent quality.

**Purple-Top White Globe.** An improved variety of the purple-top flat Turnip; globular in shape, of fine appearance, a good keeper, of excellent quality, and equally desirable for table or stock.

**Extra Early Purple-Top Milan.** A white variety, purple-top and strap-leaf. This and the White Milan are the earliest of all Turnips; it remains in good condition a long time.

Pkt., 5 cts.; oz., 15 cts.;  $\frac{1}{4}$  lb., 35 cts.; lb., \$1.00.

**Extra Early White Milan.** Similar to above except it is pure ivory white in color, and about one week earlier.

Pkt., 5 cts.; oz., 15 cts.;  $\frac{1}{4}$  lb., 45 cts.; lb., \$1.25.

**Early White Snowball or Six Weeks.** A perfectly globe-shaped, white-skinned Turnip of medium size and excellent flavor. For early sowing this is one of the best, being crisp and tender, and maturing in six weeks from the time of sowing. A good keeper. Fine for family or market.

**White Egg.** An excellent variety. Nearly oval or egg-shaped. Flesh firm and fine-grained, and of snowy whiteness. Its flavor is of the very best. Particularly desirable for table. Can be sown as late as the middle of August.

**Long White Cow-Horn.** A quick-growing sort, half-long in shape, fine-grained, sweet, good quality. Roots grow partly above ground. Very productive. Much used for a cover crop.

**Grey Stone.** Grows very large, perfectly round, white, reddish gray tinge at the top and around the stem. It is one of the best summer varieties. Valuable for cattle feeding on account of large yield.

**Large Yellow or Amber Globe.** Good for general crop. Excellent for table or for stock-feeding. Flesh yellow, firm, and fine-grained. A good keeper and cropper.

**Yellow Stone.** One of the best yellow-fleshed sorts for table use and stock.



EARLY WHITE SNOWBALL

**Robertson's Golden Ball, or Orange Jelly.** This is the most distinct yellow Turnip ever offered. It is of very fine texture, and the best, sweetest, and most delicious of the yellow-fleshed varieties. It is of medium size, with small tap-root, a rapid grower, matures early, and keeps well. A superior table variety.

**Yellow Aberdeen.** Roots medium size, round, flesh yellow, tender and sugary. Very hardy and productive. A good keeper. Good for both table and stock.

**Pomeranian White Globe.** Very productive, in good soil roots frequently grow from ten to twelve pounds. Good for table or stock-feeding.

**Large White Norfolk.** A standard variety for field-culture for stock feeding. Grows to a large size and is very productive.

## 50 Cts. - VICK'S VEGETABLE COLLECTION - 50 Cts.

SEVEN FINE VEGETABLES FOR THE HOME GARDEN

One Packet of Each of the Following:

- |  |                                   |
|--|-----------------------------------|
| 1 Boston Unrivalled Peas                   | 1 Vick's Golden Nugget Sweet Corn |
| 1 Refugee wax Beans                        | 1 Detroit Dark Red Beets          |
| 1 Vick's Extra Early Strain Globe Radish   |                                   |
| 1 Vick's Special Strain Big Boston Lettuce |                                   |
| 1 Vick's Own Selected Yellow Globe Onions  |                                   |

SEVEN PACKETS (One of Each of the Above) for 50 Cents

Pictured in colors on the inside of the Front Cover

## RUTABAGAS, or Swede Turnips

Kohlrübe, Ger.

Col nabo, Span.

Cavolo navone, Ital.

Packet, 5 cts.; oz., 10 cts.;  $\frac{1}{4}$  lb., 25 cts.; lb., 75 cts.

**White Sweet Swede.** A large, white, solid Swede, sometimes called White Russian. Quite desirable for table or stock-feeding. A great yielder. Fine form and good keeper.

**Vick's Imperial Purple-Top Yellow.** An excellent variety either for the table or cattle-feeding. Flesh yellow, firm, solid, rich, and sweet. Very hardy, prolific, tender. A splendid keeper.

**Laing's Purple-Top Strap-Leaved.** A large-early sort of fine quality. Flesh yellow, very sweet. Tops peculiar in that they are strap, or entire-leaved.

**Bangholm. (New).** This variety is the most largely grown of all Ruta Bagas or winter Turnips in Denmark. The most productive yielding more to the acre than any variety we have tested. The lower half of the root is yellow, gradually shading to a violet toward the top.

PURPLE-TOP WHITE GLOBE

Vegetable and Flower Seeds are delivered free of charge to any place in the U. S. or Canada, unless otherwise noted



# Special Prices on Peas, Beans and Corn FOR LARGE GROWERS

Gardeners and Commercial Growers who use seeds in larger quantities than herein quoted are requested to forward a list of their requirements for Special Market Gardeners Prices.

Instead of having our bulk prices scattered around on different pages, as was customary formerly, we shall continue this year, as last, to group prices together on Peas, Beans and Corn. Prices on Peas are about normal this year, while the shortage on Beans and Corn gets more serious every time a variety is reported at our warehouse. Nevertheless our prices on most varieties remain about the same as last year and are, therefore, lower than the crop conditions actually warrant. Prices on this page are reduced to the **actual value of the seed**. Therefore, in ordering, you should specify whether you want the shipment sent by Parcel Post, Express or Freight. If shipment is desired by Parcel Post, sufficient postage according to the rules below should be included. If desired by Express or Freight charges can be paid to your agent at the time of delivery.

## PEAS

	Qt.	4 qts.	Peck
Alaska (Earliest of All) . . . . .	45	1 75	2 90
Admiral Dewey . . . . .	40	1 35	2 50
Alderman . . . . .	40	1 35	2 50
American Wonder . . . . .	35	1 25	2 25
Abundance . . . . .	35	1 25	2 25
Everbearing . . . . .	35	1 25	2 25
Champion of England . . . . .	35	1 25	2 25
Extra Early Premium Gem . . . . .	35	1 25	2 25
Gradus (Prosperity) . . . . .	40	1 35	2 50

	Qt.	4 qts.	Peck
Horsford's Market Garden . . . . .	35	1 25	2 25
Imp'd Pride of the Market . . . . .	35	1 25	2 25
Improved Stratagem . . . . .	35	1 25	2 25
Large Black Eye Marrowfat . . . . .	35	1 25	2 25
Large White Marrowfat . . . . .	35	1 25	2 25
Laxtonian . . . . .	60	2 25	3 90
Little Marvel . . . . .	40	1 35	2 50
Long Island Mammoth . . . . .	35	1 25	2 25
McLean's Advancer . . . . .	35	1 25	2 25

	Qt.	4 qts.	Peck
Melting Sugar . . . . .	40	1 35	2 50
Nott's Excelsior . . . . .	35	1 25	2 25
Surprise . . . . .	35	1 25	2 25
Swastika . . . . .	35	1 25	2 25
Thomas Laxton . . . . .	35	1 25	2 25
Telephone . . . . .	35	1 25	2 25
Vick's Extra Early . . . . .	35	1 25	2 25
Vick's Daisy . . . . .	40	1 35	2 50
Yorkshire Hero . . . . .	35	1 25	2 25

For Postage See Below

### GREEN POD VARIETIES

	Qt.	4 qts.	Peck
Bountiful . . . . .	45	1 75	2 90
Dwarf Horticultural . . . . .	45	1 75	2 90
Extra Early Red Valentine . . . . .	45	1 75	2 90
Extra Early Refugee . . . . .	45	1 75	2 90
Full Measure . . . . .	45	1 75	2 90
Giant Stringless Green-Pod . . . . .	60	2 25	3 90
Improved Stringless Green-Pod . . . . .	60	2 25	3 90
Keeney's Stringless Refugee . . . . .	45	1 75	2 90
Longfellow . . . . .	45	1 75	2 90
Long Yellow Six Weeks . . . . .	45	1 75	2 90
Refugee 1000-1 . . . . .	45	1 75	2 90

## BEANS

### WAX POD VARIETIES

	Qt.	4 qts.	Peck
Golden Wax (Keeney's Rustless) . . . . .	60	2 25	3 90
Michigan White Wax . . . . .	60	2 25	3 90
Pencil Pod Black Wax . . . . .	60	2 25	3 90
Prolific German Black Wax . . . . .	60	2 25	3 90
Refugee Wax . . . . .	60	2 25	3 90
Surecrop Stringless Wax . . . . .	60	2 25	3 90
Wardwell's Kidney Wax . . . . .	60	2 25	3 90

### DWARF LIMA VARIETIES

	Qt.	4 qts.	Peck
Fordhook Bush . . . . .	45	1 75	2 90
Improved Bush . . . . .	45	1 75	2 90

For Postage See Below

	Qt.	4 qts.	Peck
True Bush . . . . .	40	1 35	2 50
Wood's Prolific Bush . . . . .	40	1 35	2 50

### POLE VARIETIES

	Qt.	4 qts.	Peck
Extra Early Jersey Lima . . . . .	45	1 75	2 90
Early Golden Cluster Wax . . . . .	45	1 75	2 90
King of Garden Lima . . . . .	45	1 75	2 90
Large White Lima . . . . .	45	1 75	2 90
London Horticultural . . . . .	45	1 75	2 90
Old Homestead . . . . .	45	1 75	2 90
Scarlet Runner . . . . .	45	1 75	2 90
Seibert's Large Early Lima . . . . .	45	1 75	2 90
White Dutch Case Knife . . . . .	45	1 75	2 90

For Postage See Below

	Qt.	4 qts.	Peck
Black Mexican . . . . .	40	1 35	2 50
Country Gentleman . . . . .	50	1 90	3 65
Crosby's Early . . . . .	40	1 35	2 50
Early Evergreen . . . . .	50	1 90	3 65
Early Mammoth . . . . .	40	1 35	2 50

## SWEET CORN

	Qt.	4 qts.	Peck
Early Minnesota . . . . .	40	1 35	2 50
Golden Bantam . . . . .	50	1 90	3 65
Kendel's Early Giant . . . . .	40	1 35	2 50
Mammoth Late Sugar . . . . .	40	1 35	2 50
Mammoth White Cory . . . . .	40	1 35	2 50

For Postage See Below

	Qt.	4 qts.	Peck
Perry's Hybrid Sugar . . . . .	40	1 35	2 50
Potter's Excelsior (Squantum) . . . . .	40	1 35	2 50
Stowell's Evergreen . . . . .	45	1 75	2 90
Vick's Earliest of All . . . . .	40	1 35	2 50
Vick's Golden Nugget . . . . .	45	1 75	2 90

We notice that a great many Seedhouses and other concerns find it necessary to use long descriptions, complex scales, maps, etc., to show precisely what their goods will cost if sent by mail. Fortunately we are not laboring under any such difficulties. The charges on everything in this catalogue unless otherwise specified, are prepaid to your address whether by mail or express. The plan we adopted last year is so simple and proved so satisfactory to our customers that we gladly continue the same plan this year.

In other years we gave a price on quarts of Peas, Beans and Corn both prepaid and not prepaid. Under our new plan to avoid any possibility of misunderstanding and also in order to give our customers every cent of benefit of the splendid new Parcel Post rates, we devote this whole page to prices on Peas, Beans and Corn in bulk. Our prices, therefore, are based on the **actual value of the seed**, while heretofore we have always included in the prices for quarts a sufficient quantity to pay the postage or express to customers in remote parts of the United States. You will readily see that customers who lived nearby were paying more than the postage or express actually amounted to. Now you will pay the exact postage or express and not one cent more. A quart of Peas, Beans or Corn will weigh about two pounds. Your postmaster or mail carrier can tell you what Zone rate applies on shipments from Rochester to your address. Having that information, you should enclose to cover postage:

- In Zones 1 & 2—6 cents for first quart  
2 cents for each additional quart
- In Zone 3—8 cents for first quart  
4 cents for each additional quart
- In Zone 4—11 cents for first quart  
8 cents for each additional quart
- In Zone 5—14 cents for first quart  
12 cents for each additional quart
- In Zone 6—17 cents for first quart  
16 cents for each additional quart
- In Zone 7—21 cents for first quart  
20 cents for each additional quart
- In Zone 8—24 cents for first quart  
24 cents for each additional quart

This plan enables our customers to get seeds listed on this page at lower prices than would be possible for us to furnish under any prepaid plan. As an illustration, were we to agree to prepay postage on a quart of Beans worth 60 cents to any part of the United States, our prepaid price could not be less than 75 cents. The plan we have adopted above enables our customers to get the first quart of Beans, if near Rochester, for 66 cents, and each additional quart at 62 cents, a plain saving of from 9 to 13 cents per quart.

The postage on all quantities above one quart is so small, especially in the first three zones, that the saving on the average garden, where a quart or more of Peas, Beans or Corn are required, would equal a liberal cash commission under the old plan. Remember you do not have to order two quarts of the same kind in order to secure the reduced postage after the first quart. Remember also that there is no limit to the amount we can send by mail, so that any gardener who perchance may want a peck or more of several different kinds, or several pecks of one kind, can have them sent anywhere by mail.

**VERY IMPORTANT!** Please order your seeds in bulk from this page in one group on the order sheet, setting down the price after each quantity. Then immediately below, before you forget, set down the amount of postage required to carry the quantity ordered.

**ADVANTAGES OF EXPRESS SHIPMENTS.** Notwithstanding the cheap Parcel Post rates, in many cases it will be to the advantage of our friends to have shipments sent by express, especially if you live near an Express office. In many cases the express rates are lower than Parcel Post, especially on shipments weighing more than 20 pounds to points beyond the third Zone from Rochester. The elements of safety and speed, and the fact that the charges do not have to be paid until the shipment arrives are other valuable considerations. If you do not enclose the postage, we will forward the package by Express without further instructions.

Finally, remember that all of these explanations are made for your benefit. Our shipping clerks with their wide experience are repeatedly instructed to remember that in working faithfully for the interests of our customers they are serving us to the best advantage.





VICK QUALITY OATS ARE GROWN FROM PEDIGREED SEED ON CLEAN LAND UNDER CAREFUL SUPERVISION

# Vick's Oats

A great deal of progress has been made in developing productive strains of Oats. The process is, however, slow and gradual. We do not believe that such enormous yields, as have been claimed by some, can possibly be secured under ordinary conditions and in fairly conducted tests. To some this will seem an unusual way to begin a subject, but to our regular customers it will cause no surprise.

We guard our reputation for good oats as carefully as for high grade Vegetable and Flower Seeds. Therefore, we never make such alluring and deceptive statements as are frequently made elsewhere. We have made careful tests, in large plots, under farm conditions, of many highly advertised kinds, and we are frank to say we have never found one that will yield such fabulous crops as many claim. In our tests running over more than one season, we find that Regenerated Swedish and Bumper Crop show some superiority over all others, but even for these we claim no astonishing increase over some other kinds. But we confidently believe that our varieties will yield as high as any other strain offered elsewhere at any price. Certainly the improvement in quality over common field Oats will warrant any farmer in renewing his seed stock this year at the low prices we offer.

It will pay any farmer this year to feed out his common field Oats and raise a big crop of either Swedish or Bumper Crop. To insure a big crop of Oats it is necessary to change your seed stock frequently; And sow the best you can buy.

## Keep in Mind these Points

The increase in yield will be nearly all pure gain.

While complaints about rust in Oats were general last Summer, our fields were remarkably free.

Our seed is clean, and free from weeds.

Kernels are plump and heavy, with very little chaff.

Our prices are reasonable. Compare them with others.

The quality is just as good as if you were to pay two or three times our price.

### SWEDISH or WASHINGTON OATS

This is a branching variety or one where the head consists of a large number of seed panicles evenly distributed around the main stem thickly hung with seed kernels. The straw is strong and wiry and of good height. We secured our original stock seed directly from Sweden, but the strain we have at present is, in our judgment, superior to the original stock. This is a medium early, vigorous growing, heavy yielding variety.

**Prices : Peck, 50 cents ; bushel, \$1.75 ;**  
**Special prices in large lots**

### BUMPER CROP OATS

This is a new side Oat or one where all the seed kernels grow compactly on one side of the stalk. While this type of plant is not so well known as the branching, those who have grown Bumper Crop like it very much. It is certainly a big yielding variety. Kernels are plump and heavy. Straw is vigorous, leafy and of excellent quality. We will stake our reputation on Bumper Crop in comparison with any of the highly advertised kinds sold at fabulous prices.

**Prices : Peck, 75 cents ; bushel, \$2.25 ;**  
**Special prices in large lots**

Order early, these prices subject to market changes any time or we may be sold out of a variety later in the season





BUCKWHEAT ON OUR SEED FARM AT OGDEN, N. Y.

## VICK QUALITY FARM SEEDS

At Packet and Pint Prices, Postage Prepaid. Quarts, Pounds Pecks and Bushels by Express or Freight, Collect. Special Prices on Large Quantities. Quotations Below Are Subject to Market Changes.

**VERY IMPORTANT NOTICE.** Our prices have been reduced to the actual value of the seed. Additional remittance to pay for bags should therefore be included as follows: For each peck, 10 cents; for quantities from 1 to 2½ bushels, 22 cents.

### BARLEY

**Hulless.** Hulless, like wheat. Early. In feeding value almost equal to wheat, and yield nearly double. Pound, 25 cents; peck, 90 cents; bu., \$3.00.  
**Early Russian Six-Rowed.** The best for malting, and a heavy yielding variety. Peck, 75 cents; bushel, \$2.50.  
**Champion Beardless.** Early and prolific. Peck, 75 cents; bushel, \$2.50.  
**Manshurey.** The most productive six-rowed variety. Ripens early, with strong, stiff straw. Peck, 75 cents; bushel, \$2.50.

### SOY or SOJA BEANS

**Mammoth Yellow.** Valuable as forage or fertilizer. Thrives well in hot and dry weather. Sow broadcast one-half bushel to the acre, or in drills three feet apart and one foot between plants. Peck, \$1.00; bushel, \$3.75.  
**Medium Early Green.** Similar in purpose to Mammoth Yellow, but a few days earlier. Peck, \$1.10; bushel, \$4.00.

### FIELD BEANS

**Large White Marrow.** Extensively grown as a dry bean for winter use. The beans are large, clear, white, cooking dry and mealy.  
 One-half pt., 20 cts.; pt., 30 cts.; qt., 45 cts.; bu., \$12.00.  
**Red Kidney.** A popular field sort. Hardy and heavy yielder.  
 One-half pt., 20 cts.; pt., 30 cts.; qt., 45 cts.; bu., \$11.00.  
**Tepary.** A small white shell bean, more prolific than the Navy. Matures quickly, sixty-five days from seedling to harvest. Is not subject to common bean disease, and can be used when other beans fail.  
 Package, 10 cts.; Pint, 35 cts.; Quart, 45 cts.

### COW PEAS

This pea has always been valuable for improvement of the soil. It is considered superior to clover for plowing under as a preparation for other crops. For fodder, or for the seed, plant three feet apart and cultivate thoroughly.  
**New Era, Clay, Whippoorwill, Mixed.** \$1.25 per peck; \$4.50 bushel.

### TOBACCO

**White Burley.** Leaf large, long and wide. Cures very bright. One of the best. Packet, 5 cents; oz., 25 cents.  
**Connecticut Seed-Leaf.** Packet, 5 cents; oz., 25 cents.  
**Havana, or Cuban.** Packet, 10 cents; oz., 40 cents.

The experience of selling direct to the planter for nearly seventy years has proved that the best seed is the cheapest

### ARTICHOKE

**Jerusalem Artichoke.** Used for the table and for stock feeding. One of the best foods for hogs. Culture the same as for Potatoes. Cut tuber to single eye and plant 3 to 4 feet apart each way. Enormously productive. They are perfectly hardy. Quart, 35 cents; peck, 75 cents; bushel, \$2.00.

### BROOM CORN

**Improved Evergreen.** This variety is now grown more extensively than any other, on account of its straight, long, light green brush. It is very productive. Sow six pounds to an acre. Pound, 20 cents; 100 lbs., \$15.00.

### BUCKWHEAT

**Japanese.** The heaviest yielding variety, with very large kernels and large branching plants. Pound, 10 cents; peck, 50 cents; bushel, \$1.75.  
**Silver Hull.** The best for flouring purposes. Kernels smaller than Japanese, silvery gray in color. Fine stock.  
 Pound, 10 cents; peck, 50 cents; bushel, \$1.50.

### MILLET

**Hungarian Grass**(*Panicum Germanicum*). Valuable soiling plants. May be sown as late as first of July, and produce a large green crop. Sow 40 lbs. to the acre. Bushel, 48 pounds. Pound 10 cents; 100 lbs. \$7.50.  
**German, or Golden Millet.** Medium early forage plant, very prolific. Sow 38 pounds per acre. Bushel, 40 pounds. Pound, 10 cts; 100 lbs. \$7.00.  
**Japanese Barnyard Millet**(*Panicum Crus-Galli*). Enormously productive, yielding from four to six tons of cured forage per acre, on rich soils. Six to eight feet in height. Sow in May. Broadcast, ten to fifteen pounds per acre or in drills, eight pounds per acre. Pounds, 12 cents; 100 lbs. \$10.00.

### SUDAN GRASS

Similar in character to Millet but much more productive of seed and straw  
 Per pound, 60 cents

### RAPE, Dwarf Essex, English

Extremely valuable for furnishing a quick growth of forage. A vigorous strong growing turnip-like plant. Especially grown for feeding sheep, but cattle, pigs, and milch cows do very well upon it. For sheep pasture, sow in May, and it will be ready for pasturing in July and August; or sown in June, or even up to the latter part of July, it will furnish a large amount of pasture or fodder. In drills, sow five pounds to the acre; broadcast, ten pounds to the acre. Pound, 12 cents; 100 lbs., \$10.00.





A FIELD OF RYE AND VETCH ON ONE OF OUR FARMS.

## HAIRY VETCH

Winter Vetch, Russian Vetch, Sand Vetch, (*Vicia Villosa*)

Every year after we take off early crops we put in several fields of Vetch and Rye to plow under for fertilizer the following spring. It pays.

Rapidly coming into use in the North as a cover crop. No other plant that will endure the northern winters, adds to the soil so much of the costly element Nitrogen. Hairy Vetch excels Alfalfa and the Clovers in making a quick growth, and in the number and size of the nitrogen bearing nodules on its roots.

It is a vigorous plant, making a growth in good soil, if allowed to mature, of five to six feet, and furnishing an abundance of valuable forage. In feeding value it resembles Alfalfa. For enriching the soil a good crop of Hairy Vetch plowed under is estimated to be equal in value to forty tons to the acre of fresh stable manure.

As the name Sand Vetch would indicate, this plant does especially well on light soil.

For a cover crop, it is usually sown at the last cultivation of corn or other cultivated crops. When grown for soiling or ensilage it is usually mixed with Rye; the Rye furnishes support for the vines and keeps them off the ground.

Sow sixty pounds of Hairy Vetch and one peck of Winter Rye to the acre. Seventy-five to ninety pounds of Hairy Vetch to the acre, if sown alone. Bushel weighs 60 pounds.

By express or freight, not prepaid, per pound, 25 cents; lots of 15 pounds or over, 22 cents a pound. Bags extra, peck, 10 cents; 1 to 2½ bu., 22 cents.

## SPECIAL FARM GRASS MIXTURES

Made up of the best grasses for the purpose desired; will furnish permanent sod for years. All these varieties are made up to sow 42 pounds to the acre, and contain a sufficient number of varieties to make well balanced mixtures for the purpose specified.

**VICK'S STANDARD HAY MIXTURE.** Will yield heavy crops on general hay land. Per lb., 25 cents; 100 lbs., \$21.00.

**VICK'S STANDARD PASTURE MIXTURE.** Best suited for ordinary pasture where land is never unusually wet or dry, light or heavy. Per lb., 27 cents; 100 lbs., \$22.00.

**VICK'S DRY PASTURE MIXTURE.** For high and dry places; contains grasses that will withstand exposure and severe weather. Per lb., 30 cents; 100 lbs., \$27.00.

**VICK'S WET PASTURE MIXTURE.** Contains grasses especially adapted to moist soil. Per lb., 30 cts; 100 lbs., \$27.00.

A trip to our Farms is well worth while, especially in the blooming season of the Asters, Phlox and Salpiglossis

## RYE

Bags extra, peck, 10 cents; 1 to 2½ bu., 22 cents.

**Excelsior Wieter.** A heavy yielding, strong-growing, hardy Rye, originating in New England. The White Excelsior yields much heavier crops than the common Rye; the heads are longer and the grains are larger, plump and well covered with chaff. The plants grow taller than other varieties, and have very stiff straw. They stool out so freely that they form a remarkably thick growth of straw. Peck, 65 cents; bushel, \$2.00, not prepaid.

**Spring Rye.** This variety has been developed simply by planting Winter Rye in the spring and selecting the seed so produced for several years. The standard variety for spring planting. Sow about 1¼ bushels to the acre. Peck, 60 cents; bushel, \$2.25, not prepaid.

**White Winter.** Much prized for its straw, also for plowing under as a green manure. The ordinary fall-sown variety, of which we offer choice selected stocks only. Peck, 60 cents; bushel, \$1.90, not prepaid.

## SORGHUM

When wanted in larger quantities than quoted, ask for special prices.

**Early Amber** This variety is coming into general use for summer fodder for cattle in place of sowed corn, yielding two crops in a season. It is claimed to keep up the flow of milk, and cows like it better than any other feed. It is also easily cured, and makes excellent dry fodder. Three to four pounds are sufficient for an acre, in drills thirty inches apart, sowing the seed thick and shallow in the row. Pound, 20 cents.; 100 lbs., \$10.00.

**Kaffir Corn, White.** This will do well wherever Amber Cane will grow. It is used as a green fodder. Pound, 20 cents; 100 lbs., \$10.00.

**Milo Maize.** When cut for feeding it starts again from the remaining stumps with renewed strength and vigor; thrives in the hottest and driest localities. It is relished by cattle, hogs. Use 4 or 5 pounds to the acre, etc. Pound, 20 cents; 100 lbs., \$10.00.

**Jerusalem Corn.** Belongs to non-saccharine Sorghums. It is considered a good sure grain for dry sections and seasons. It produces several small heads on side shoots, often as many as eight heads on a stalk. Three pounds will plant an acre. Pound, 25 cents; 100 lbs., \$12.00.

**Johnson Grass (*Sorghum Halapense*).** Popular in the Southern States, where it is considered one of the most valuable forage plants. One bushel per acre. Bushel, 25 pounds. Pound, 30 cents; 100 lbs., \$20.00.

At pound prices, postpaid; in larger amounts, not prepaid

## SUNFLOWER

**Mammoth Russian.** Highly valued by farmers and poultry breeders who have tried it as an excellent and cheap food for fowls. Sow seed as soon as the ground is warm, in hills four feet apart each way. Three pounds of seed will plant one acre. Yields from fifty to seventy bushels per acre. ¼ pound, 10 cents; ½ lb., 15 cents; 1 lb., 25 cents; 100 lbs., \$10.00.

In amounts larger than one pound, carriage not prepaid.





# Vick's Grass and Clover Seeds

We make a specialty of the best grades, free from weeds and impurities, and of good germination. We believe, in the long run, the best proves to be the cheapest, and for these reasons the prices quoted on this page are for extra fancy stocks only, leaving cheap, undesirable grades out of consideration. Prices on grasses are invariably net cash, f.o.b. Rochester. Not less than 25 lbs. at 100 pound prices. Since the market varies from day to day, these prices are subject to change without notice. Customers who need considerable quantities, are requested to write for samples and prices. Bags to contain 1 to 2½ bu., will be charged for at 22 cents each.

## EXTRA RECLEANED GRASSES

	Per lb.	Per 100 lb.
<b>AWNLESS BROME GRASS.</b> ( <i>Bromis inermis</i> .) Perennial; especially suited to dry lands and arid regions. Does well in all parts of the country. Grows most rapidly in sandy soil, but will do well in heavy land. Hardy; produces heavy crops, sow 25 to 50 lbs. per acre . . .	\$ 0.50	\$45.00
<b>BERMUDA GRASS.</b> ( <i>Cynodon Dactylon</i> .) Invaluable in the South. Not hardy in the North. . . . .	.50	50.00
<b>CREeping BENT.</b> ( <i>Agrostis stolonifera</i> .) Fine for lawn or pasture mixtures; thrives best in moist places 28 to 40 lbs. per acre . . .	.75	65.00
<b>CRESTED DOG'S TAIL.</b> ( <i>Cynosurus cristatus</i> .) Invaluable in permanent pasture grasses and in some lawn mixtures . . . . .	.50	40.00
<b>FANCY RED TOP.</b> ( <i>Agrostis vulgaris</i> .) Indispensible in mixtures for lawns, pastures or meadows; will grow in almost any soil moist or dry. Our stocks clear, beautiful, silky, heavy seed. For lawns 40 pounds per acre; for pasture or meadow 20 to 30 lbs. per acre. . .	.25	22.00
<b>HARD FESCUE.</b> ( <i>Festuca elatior</i> .) A low-growing grass; succeeds well in dry places. Used in many lawn mixtures . . . . .	.45	40.00
<b>ITALIAN RYE GRASS.</b> ( <i>Lolium Italicum</i> .) Annual; will grow in almost, any soil; grows rapidly, yields abundantly. If sown in the fall will produce crop of hay the following summer. . . . .	.12	10.00
<b>KENTUCKY BLUE GRASS.</b> ( <i>Poa pratensis</i> .) Invaluable for lawn; unexcelled as a pasture grass; thrives on a variety of soils, but does best in dry and shady places. Our seed extra fancy, extra heavy. For lawns 60 lbs. per acre; for pasture 20 lbs. per acre. . . . .	.25	22.00
<b>MEADOW FESCUE.</b> ( <i>Festuca pratensis</i> .) Excellent pasture grass; occasionally used in other mixtures. Forty pounds per acre . . .	.25	22.00
<b>MEADOW FOXTAIL.</b> ( <i>Alopecurus pratensis</i> .) Excellent early and rapidly growing pasture grass. . . . .	.50	45.00
<b>ORCHARD GRASS.</b> ( <i>Dactylis glomerata</i> .) One of the best pasture grasses; exceedingly palatable to stock, will endure a great deal of cropping. Twenty to thirty pounds per acre. . . . .	.35	30.00
<b>PERENNIAL RYE GRASS.</b> ( <i>Lolium perenne</i> .) Valuable for pasture and lawn grass mixtures. 20 to 30 lbs. per acre. . . . .	.15	10.00
<b>RED FESCUE.</b> ( <i>Festuca rubra</i> .) An excellent grass for shady places; forms a rich close sod. . . . .	.40	35.00
<b>RHODE ISLAND BENT.</b> ( <i>Agrostis canina</i> .) An excellent lawn grass . . . . .	.65	60.00
<b>ROUGH STALKED MEADOW GRASS.</b> ( <i>Poa trivialis</i> .) An excellent pasture or meadow grass, especially for low moist land. . . .	.45	40.00
<b>SHEEP'S FESCUE.</b> ( <i>Festuca ovina</i> .) Low growing grass with an abundance of fine narrow leaves. Valuable on light soils; 30 lbs. per acre	.40	35.00
<b>SWEET VERNAL GRASS, TRUE PERENNIAL</b> ( <i>Anthoxanthum odoratum</i> .) After cutting it emits a fragrant odor . . . . .	.60	
<b>TALL MEADOW OAT GRASS.</b> ( <i>Avena elatior</i> .) Valuable for meadow and pasture. 50 to 60 pounds per acre. . . . .	.30	25.00
<b>WOOD MEADOW GRASS</b> ( <i>Poa nemoralis</i> .) Grows quickly, valuable in shady places. Very scarce; market price . . . . .		
<b>TIMOTHY.</b> ( <i>Phleum pratense</i> .) Leading variety for hay crop; stock bright, plump, high purity and germination test. 10 to 12 lbs. per acre	per bu \$ 3.75	7.22

## CLOVERS

	per bu	Per 100 lb.
<b>"VICKS KING BRAND" RED CLOVER,</b> extra fancy, bright colored plump seed, much superior to average stocks offered . . . . .	12.00	20.00
<b>CRIMSON CLOVER.</b> ( <i>Trifolium incarnatum</i> .) Valuable for hay, pasture, ensilage or for soil fertilizer. Being an annual it must be sown every year in August or September. Ten to fifteen pounds per acre . . . . .	9.00	15.00
<b>ALSIKE OR SWEDISH CLOVER</b> ( <i>Trifolium hybridum</i> .) Surpasses all other clovers for rich moist soils. Eight pounds per acre . .	13.50	22.15
<b>WHITE CLOVER.</b> ( <i>Trifolium repens</i> .) Valuable in lawn grass mixtures and indispensable in pasture mixtures. Pound, 60 cts. . . .		55.00
<b>SWEET OR BOKHARA CLOVER</b> White blossom. ( <i>Melilotus alba</i> .) Valuable perennial for soil fertilizer. . . . .		25.00

We believe the best seed proves to be the cheapest in the long run. We sell nothing but extra fancy stock





# Vick's HIGH-GRADE Alfalfa

**FREE FROM DODDER, WEEDS AND DIRT.** We not only recommend it; we grow it on our own farms, feed it to our work teams, growing colts, and other stock. We find it nearly as easy to grow as any other clover, the yield greater and the crop more valuable.

**Are you growing Alfalfa?** The farmer who does not look into the possibilities of putting a good field of Alfalfa on his farm is neglectful of his own best interests. We have four fields of Alfalfa on our own farms and our Alfalfa has proved to be a splendid money making crop. We are feeding it to all kinds of stock and we find it more valuable for feeding than Timothy or Clover, besides giving a greater yield. One of these fields has been in Alfalfa for eight years, without top-dressing or re-seeding, and it is still yielding over three tons to the acre of splendid hay, each year. A new field sown in June, yielded over a ton of high quality hay to the acre in September. We know fields in this state which have grown Alfalfa from ten to fifteen years which are still producing fine crops.

**The demand for Alfalfa Seed** is growing at a surprisingly rapid rate. The acreage in New York State today is probably ten times what it was ten years ago; in fact, there are now thousands of acres of Alfalfa in this state.

**Do not take any chances on doubtful Seed** when preparing for a crop of such value and permanence as Alfalfa. We secure the finest American Northern dry land Alfalfa seed that can be purchased. We believe that every progressive farmer,—the one whose trade is worth having,—is willing to pay a fair price for good seed.

**Our Alfalfa Seed** was grown in the Northwest, at a high altitude and on dry land. This insures, for our seed, hardness and a high percentage of germination. We have a beautiful stock, free from weed seeds, plump, and of a good bright color. Before this seed was accepted by us it was tested by a Government Experiment Station. This official report shows that our Alfalfa Seed comes up to the very highest standard of purity.

**There is better value for the money** in seed of this character than in low grade Alfalfa seed at a less price. Large quantities of inferior seed are in the market every year, some of which contains dodder,—an extremely noxious pest. Some is poorly cleaned, containing large percentages of dirt, weed seeds and shrunken Alfalfa seed. Some is imported Alfalfa seed containing adulterations and undesirable foreign weed seeds. After the trash and poor seed has been taken out of a low grade sample, the good seed that is left invariably costs more per pound than is asked for seed of the highest quality.

**PRICES:** Express or Freight charges, not prepaid. Pound, 30 cents. ten pounds, \$2.00; thirty pounds, \$5.75; sixty pounds, \$11.25.

We especially recommend the use of either Nitragin or Alphano Inoculant with Alfalfa. See below:

## ALPHANO INOCULANT

### The All-In-One Nitrogen-Gathering Inoculant for Over Twenty-eight Legumes

Alphano Inoculant will, with one application, abundantly inoculate your seed and soil for all the twenty-eight legumes, such as Alfalfa, Clover, Peas, Beans, Vetch, Sweet Peas, etc.

You do away entirely with the necessity of buying separate bacteria for each one, as Alphano Inoculant contains them all. Whether it's Clover or Soy Beans, it's all the same. The one inoculant inoculates for either or all legumes.

The All-In-One Alphano Inoculant contains not only all the essential nitrogen-gathering and fixing bacteria peculiar to the legumes, but is also teeming with the best nitrogen-gathering and soil-digesting bacteria which work independently of the clovers and thus benefit all crops.

One dollar's worth of Alphano Inoculant may add forty dollars' worth, or more, of available nitrogen to each acre of soil treated.

Alphano Inoculant comes to you in a finely powdered form, making it easy to use. But, most important of all, it guarantees to you bacteria of the highest quality.

One-acre size, net weight of can, 2 lbs., \$1.15, prepaid.

Ten-acre size, net weight, 20 lbs., \$8.00, not prepaid.

**When ordering "Nitragin" be sure and state clearly what crop it is to be used with.—This makes a big difference**

## "NITRAGIN" Pure Culture

### Restores and Maintains Soil Fertility

**For Success with Alfalfa and Clover, Vetch, Peas, Beans, and all other Legumes, Treat Your Seed with**

#### "Nitragin" Pure Culture

"Nitragin" is the trade name for the germ that acts on the legume root, draws nitrogen from the air and converts it into plant food. As a result there is a uniform "catch" and quick growth of strong, hardy, healthy plants. The soil is enriched for the nourishment of succeeding crops.

"Nitragin" Pure Culture is packed in ventilated tin cans, in a granular medium that provides food and shelter for the germs and insures safe delivery from the laboratory to your farm. Each can contains billions of strong, healthy germs, guaranteed to retain health and vitality for 6 months from date of preparation, marked on can. Easy to apply—10 minutes work—a boy can do it.

**Be sure to state the crop for which "Nitragin" is intended**

Garden size, 35 cts.; ½ acre, 60 cts.; acre, \$1.15; 5 acres, \$4.25, prepaid

Directions for using with each package



# Vick's Special Collections

## of SEEDS AND PLANTS

These collections, at special rates, are packed before the opening of the season and cannot be changed in any way. No premium nor discount will be allowed on these collections, but in all cases we prepay the postage.

### Vick's Branching Aster Collection for 50 cents

White    Rose    Carmine    Lavender  
Pink    Crimson    Purple    Dark Purple

Here is a collection containing a full assortment of the colors found in the Branching Class, the regular catalogue price is 80 cents if purchased in separate packets. Our book, "Asters in the Home Garden," sent with each collection.

"How to Grow Asters."—A book of practical instruction for the Aster grower. Sent free, upon request, with any order of Aster Seed amounting to 25 cents, or sent postpaid for 10 cents without an order for seed.

Branching Asters shown in colors on cover of this Book.

### Nasturtium Collections

Nine Varieties of Climbing Nasturtiums

In separate and distinct colors of our own selection  
One packet of each, 30 cents, postpaid.

Nine Varieties of Dwarf Nasturtiums

In separate and distinct colors of our own selection  
One packet of each for 30 cents

### Our "B & B" Collection of Annuals

See inside of Front Cover

Eight packets of Annuals in mixed colors, 75 cents

### Vick's Snapdragon Collection

The old favorite Snapdragon is growing in popularity, not only because it is a fine bedding plant and remains in bloom such a long time, but because it makes such wonderfully beautiful bouquets as cut flowers for house decoration.

Six Separate Colors. Collection of six packets, our selection, postpaid, for 40 cents

### Vick's Zinnia Collections

Giant-Flowering Double Zinnias

Seven colors, in separate packets, 50 cents

Scarlet    Rose    White    Purple  
Crimson    Yellow    Striped

Giant-Flowered Zinnia in colors on Inside Back Cover

Large-Flowering Double Zinnia Collection, 25 cents

Separate packets of seven colors

Purple    Scarlet    Striped    Rose  
Yellow    Crimson    White

### Vick's Vegetable Collection

Seven Fine Vegetables for the Home Garden

One packet of each of the following:

Boston Unrivalled Peas    Refugee Wax Beans  
Early Scarlet Globe Radish    Golden Nugget Sweet Corn  
Danvers Yellow Globe Onions    Detroit Dark Red Beet  
Vick's Special Strain Big Boston Lettuce

Seven packets (One each of above) 50 cents

Shown in colors on the inside of the Front Cover

## VICKS PERENNIAL COLLECTION—A Permanent Flower Garden for \$1.00

From the tall Hollyhocks and Foxgloves to the creeping Forget-me-not. Beginning in early spring with the Hardy Candytuft this collection will yield a succession of flowers each year until late in autumn.

Full cultural directions will accompany each collection.

	Page	Price		Page	Price
Columbine (Aquilegia), New Large-Flowering			Hollyhock, Double Mixed. . . . .	81	\$0.10
Hybrids. . . . .	79	\$0.10	Iceland Poppy, Mixed Colors. . . . .	82	.10
Candytuft (Iberis sempervirens), White. . . . .	79	.10	June Pinks (Dianthus plumarius), Double Mixed. . . . .	62	.10
Canterbury Bell, Single Mixed. . . . .	80	.10	Larkspur (Delphinium), Large-Flowering Hybrids, Mixed. . . . .	81	.10
Coreopsis Grandiflora, Yellow. . . . .	79	.10	Oriental Poppy, Scarlet. . . . .	82	.10
Forget-me-not (Myosotis palustris), the true perennial Forget-me-not, Blue. . . . .	80	.10	Scabiosa Caucasica, Lavender. . . . .	82	.10
Foxglove (Digitalis), Mixed Colors. . . . .	80	.05	Sweet William, Single Mixed. . . . .	82	.05
Blanket Flower (Gaillardia grandiflora). . . . .	81	.10	Shasta Daisy, White. . . . .	82	.10
Baby's Breath (Gypsophila paniculata), White, 2 ft. . . . .	80	.05			

Sixteen packets, postpaid, for \$1.00. Regular price, \$1.45.

## SPECIAL BARGAIN COLLECTIONS, PLANTS AND BULBS

Every spring we have a surplus, due to the fact that some named varieties are called for more than others, thus reducing our stock on some kinds, and leaving a supply of other equally good kinds uncalled for. By the time the weather will permit shipping orders in the spring, the surplus varieties will be apparent. Therefore, we have decided to make the following special offers of our over stock in the collections listed herewith. The choice of varieties must be left to us, but the quality of the plants and varieties will be just as good as though you ordered them at higher price from our catalogue.

"A" 8 Carnations . . . . .	\$0.75	"F" 4 Fuchsias . . . . .	\$0.30
"B" 8 Cannas. . . . .	1.00	"G" 7 Ferns. . . . .	.75
"C" 10 Chrysanthemums . . . . .	1.00	"H" 10 Geraniums. . . . .	1.00
"D" 8 Coleus . . . . .	.75	"I" 12 Gladiolus . . . . .	.30
"E" 5 Dahlias. . . . .	.50	"J" 10 Choice Perennial Plants . . . . .	1.50



# VICK'S KING ASTERS



ROSE  
KING

VIOLET  
KING

THE ABOVE PHOTO SHOWS THE  
GENERAL TYPE OF KING ASTERS

## VICK'S FAMOUS KING ASTERS

A magnificent class of Asters, distinct from all others in the character of the flower. The long, narrow petals are folded lengthwise, appearing almost as though quilled. The flowers are of great size and substance and last longer when cut than those of almost any other class. The plants are large and the stems exceptionally long and strong.

There are few Aster growers who do not know the Violet King, which we introduced in 1906. It has probably won more prizes in the last few years than any other variety in the world. In 1910 we introduced the Rose King, which at once became a great favorite. In 1912 we added two new and beautiful King Asters, differing from the Violet and Rose King not only in color, but in habit of plant. In 1915 we added another charming color, Crimson, an upright type of the King. Last year we introduced a Shell Pink King equalling the others in beauty of flower.

### VICK'S SHELL PINK KING

The color, a soft pleasing blush pink, is just the shade to increase the popularity of the whole King Class of Asters, just the shade we've needed most, and striven most diligently to secure in the last few years. Whether used separately or with one or more other colors, you will agree that any bouquet in which our Shell Pink Aster is included is gloriously beautiful and artistically complete.

Shell Pink King. Branching type, Pkt. 25 cents. } Two for  
Shell Pink King. Upright type, Pkt. 25 cents. } 40 cents

### VICK'S CRIMSON KING

Here is another excellent addition to our King Class. Not so many uses for it, we'll admit, as there are for some of the other colors. Nevertheless no other color in the entire class makes a richer, more strikingly handsome appearance than does this new Crimson King. In fact it's about the richest, most brilliant Crimson we've ever seen in Asters. It is similar in every respect to our original type of which Violet King was the first upright type.

Packet, 25 cents; two for 40 cents;

### VICK'S WHITE KING

Any pure white Aster is deservedly popular, for which reason Vick's White King is rapidly approaching the remarkable record of Violet King in point of sales. Both Branching and Upright types.

White King; Branching type; Pkt., 20 cents } Two for  
White King; Upright type; Pkt., 20 cents } 35 cents

We are the largest growers of high grade Asters in America. Our farms are among the show places near Rochester

### VICK'S LAVENDER KING

The massive flowers of the new Lavender King are of the same thick, fluffy type as those of the White King. The color is a very pleasing shade of deep Lavender. We offer the Lavender King in both Branching and Upright type of plants.

Lavender King. Branching type, Pkt., 20 cents. } Two for  
Lavender King. Upright type, Pkt., 20 cents. } 35 cents

### VICK'S VIOLET KING

Shown in colors on the Front Cover of this Book.

The immense flowers are a rich violet purple. The flower is quite thick, with a full center which is usually twisted into a strong "whorl" in the freshly opened flowers. A vase of Violet King Asters is an object not only beautiful, but bold and striking.

Packet, 15 cents.

### VICK'S LAVENDER PINK KING

In color the Lavender Pink King is a beautiful and delicate lavender-pink, very much like the now famous "Rochester" Aster. This color is offered only in Upright type of plant.

Packet, 20 cents; two for 35 cents.

### VICK'S ROSE KING

Vick's Rose King is a deep brilliant rose. It differs, in color only, from its famous parent, Violet King.

Packet, 15 cents, two for 25 cents

**Vick's King Asters. All Colors Mixed.**  
Packet 20 cents; two for 35 cents.



# VICK'S BRANCHING ASTERS

Vick's Branching Asters are known wherever Asters are grown. The plants are large and vigorous, the stems long and strong, and the great fluffy flowers, as we now grow them, are double to the center. There are other Asters, exquisite in form and delicate of color; but Vick's Branching Aster is still the leading Aster in all the flower markets in the country and still holds the first place in the garden of the amateur.

## Vick's Early Branching

The plants of the Early Branching Aster attain the size and vigor of the famous Late Branching, but blossom from ten days to two weeks earlier. The few branches are free from side buds, the whole strength of the plant being given to the development of extra large, perfectly formed flowers on long stiff stems, making them especially desirable for cutting, for exhibition, or for sale.

We offer Early Branching in eight separate colors. White, Rose, Lavender, Crimson, Lavender Pink, Dark Violet, Shell Pink, Purple, and Mixed Colors.

Each, per packet, 10 cents.

A Packet each of any three colors for 25 cts.

## Vick's Late Branching

The flowers of the Late Branching Aster are of extraordinary size, and are borne on long, graceful stems from fifteen to twenty inches in length. The plants are extra large and of strong growth, one plant often covering a space two and one-half feet square. They are unexcelled for cutting, and are by far the most satisfactory late Asters grown. The plants begin blooming about August 15th, and continue throughout the season, but they can be brought into bloom earlier by sowing seed in the house in March or April.

**Vick's Pink.** Opens nearly white, passing to a beautiful lavender pink, lighter in the center. Lasts particularly well as a cut flower.  
Packet, 10 cents.

**Snow White.** The latest of Branching Asters. Plants exceptionally strong and continuing to produce their great balls of white bloom until after a hard freeze. Packet, 10 cents.



One corner of the 125 acres of Asters we grow for seed. Seed from such plants as these guarantees satisfaction



## Vick's Late Branching Asters

**Rose.** Large plants and big, full double flowers of rich, deep rose. **Packet, 10 cents.**

**Crimson.** A rich, glowing color, especially effective by artificial light. **Packet, 10 cents.**

**Rosy Carmine.** Distinct, and beautiful—a bright rosy carmine. A lively brilliant color. **Pkt., 10 cts.**

**Vick's Lavender.** A good clear lavender. Sometimes called azure blue. A splendid strain of this useful color. **Packet, 10 cents.**

**Semple's Lavender.** An extremely pale shade of lavender. **Packet, 10 cents.**

**Purple.** Beautifully formed, full double flowers of rich purple. **Packet, 10 cents.**

**Mary Semple, Shell Pink.** An exquisite shade of light shell-pink. The large flowers are graceful in form. **Packet, 10 cents.**

**Peerless Pink.** Might well be called an "Improved Semple Pink." It has the same delicate, pleasing shade of pink, and a more double flower. **Packet, 10 cents.**

**Rose Pink.** The color of a deep pink Rose. Lighter than the Branching Rose. Beautiful, full double flowers. **Packet, 10 cents.**

Shown in colors on the Front Cover of this Catalogue.

**Claret.** A very deep reddish purple. An entirely new shade in the Branching class. **Packet, 10 cents.**

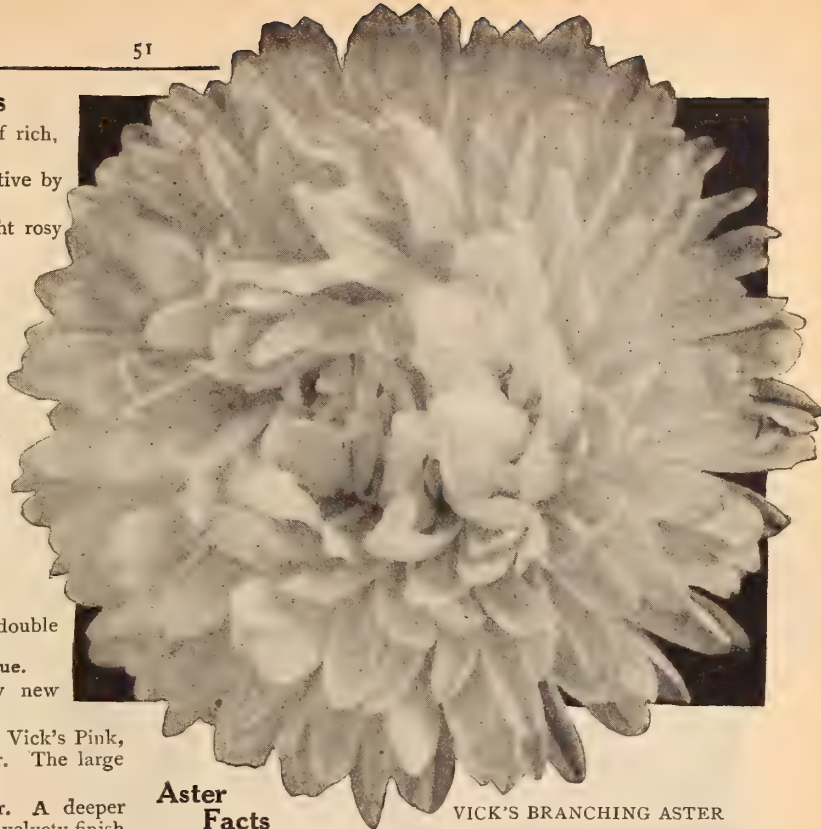
**Peach Blossom.** A deeper shade of color than Vick's Pink, and one that is certain to become very popular. The large flowers are extremely double. **Packet, 10 cents.**

**Dark Violet.** An extremely deep, glowing color. A deeper shade than Branching Purple. It has a peculiar velvety finish giving it an appearance of richness that is distinct and striking. **Packet, 10 cents**

**Plum Color.** Entirely new color in Late Asters. Plants smaller than other colors. Flowers all very full and double. Quite distinct from any of the shades of purple or violet. **Packet, 10 cts.**

**Late Branching Asters. All Colors Mixed. Each, 10 cents.**

**See Page 48 for Our Branching Aster Collection**



### Aster Facts

#### VICK'S BRANCHING ASTER

**1893**—Vick's Branching White, the first of the Large-Flowering Asters, was introduced. Two acres in Asters.

**1904**—Five more colors had been added to the Branching variety, and five other distinct kinds of Asters had been added to the list. Ten acres in Asters.

**1908**—Demand for the seed of these new, greatly improved and wonderfully beautiful varieties had made an increase in our Aster growing land to 40 acres necessary.

**1915**—Seventy-five acres required to supply the ever growing demand.

**1916**—Notwithstanding the large acreage of 1915, it was necessary to increase our Aster Farms to 125 acres this past season.



Looking west over one of Vick's Aster Farms. Note the field of Alfalfa which has averaged three tons per acre for six years



# Vick's Rochester Asters

When we gave the name "Rochester" to a class of Asters it was because we had something that was the very best of its kind. The plants are like those of the Late Branching, large and strong, with many long branches. The flowers, like all of the Comet type, have petals that are very long and narrow, and gracefully recurved, giving them a lightness and grace that makes them the most artistic of all Asters. The immense size of the flowers—they are the largest Asters now in cultivation—their artistic beauty, their delicacy of coloring and freedom of bloom make them, in our estimation, superior to any Asters heretofore offered of its class.

## VICK'S SHELL-PINK ROCHESTER

A new color in the Rochester Class we have been perfecting for several years. The flower large, the petals narrow, very long and graceful. The color a delicate shade of pink commonly called shell pink. It is a beautiful Aster and just as good as the original Lavender-Pink Rochester.

Packet 25 cts.; two for 40 cts.

## VICK'S ROSE ROCHESTER

A beautiful shade of rose in a great, large Aster of the famous Rochester type. This has won many friends and admirers all over the country.

Packet 20 cents; two for 35 cents.

## VICK'S CRIMSON ROCHESTER

Crimson Rochester is very dark in color, but at the same time glossy and brilliant. The plants are branching, long strong stems. One of the best and most attractive of all the Asters. Packet 20 cts.; two for 35 cts.

## VICK'S WHITE ROCHESTER

The White Rochester is like all the Rochesters; large fluffy flowers borne on long stems. Splendid for cutting or as a specimen plant. Packet 20 cents; two for 35 cents.

## VICK'S DARK VIOLET ROCHESTER

A splendid shade of violet, and when in bloom or with the other Rochester colors makes a very fine show.

Packet 20 cents; two for 35 cents.

## VICK'S ROCHESTER ASTER MIXTURE

Packet 20 cents; two for 35 cents.

South Haven, Mich., Feb. 26, 1916.

James Vick's Sons, Rochester, N. Y.

Gentlemen:—We produced the finest garden of Asters ever seen in South Haven, last year, from seeds bought of your house, and while convalescing in a Chicago Hospital last September my wife shipped me six large boxes of the blooms and they were on exhibition for a week, and then were good enough to distribute to several wards of the institution. They attracted very much attention from all who were able to see them. I told the curious that the seed came from Vick's.

Yours truly,

H. P. FULLENWIDER.

## BRANCHING ASTER COLLECTION

This collection gives a full assortment of the colors found in the Branching Class. These are unsurpassed for cutting; a harmonious color scheme for decorative purposes can easily be selected from these eight varieties.

White, Pink, Crimson, Carmine, Purple, Lavender, Dark Velvet and Rose

One packet of each of eight colors . .

**50 cents**



VICK'S ROCHESTER ASTER

## Vick's Lavender-Pink "Rochester"

Shown in natural colors on the Front Cover of this Book,

No flower introduced in recent years has created such a furor as this magnificent Vick's Mikado Pink Aster, "Rochester." Within a year after we first presented it to the public, the Chamber of Commerce of Rochester recommended that it be adopted as the official flower of the city and requested Mr. Vick to rename it "Rochester." The "Rochester" Aster is today the Premier of the Lavender-Pink Asters. Like all the flowers of the Comet class, the petals of the "Rochester" are narrow, very long and gracefully reflexed. The outer petals show to their full extent, while gradually toward the center they bend and curl across each other in such magnificent disorder, as to make the fluffiest Aster we have ever seen. In color it is a most exquisite shade of lavender-pink, being a happy medium between the color of Vick's Branching Pink and Vick's Daybreak. For a mid-season pink this Aster is without a rival. In season it is a little later than the White Mikado. The plants are unusually vigorous and it is not uncommon to find one with a dozen long, strong, graceful stems, each with a flower from four and a half to six inches in diameter.

Packet 20 cents; two for 35 cents.

If you have not received your copy of our Fruit and Ornamental Tree Book, send for it today. Its free.

Prizes were awarded at many of the leading fairs throughout the country to Vick's Asters grown by our customers



# VICK'S Lavender and Purple ROCHESTERS

It is no exaggeration to say that these marvelous Asters are far in advance of any heretofore offered.

Vick's Lavender Rochester and Vick's Purple Rochester are new colors in this splendid type of Aster and they are even larger, more double and more chrysanthemum-like than the original Pink Rochester.

With proper cultivation the stems are unusually long and strong, and usually without side branches. The illustration on this page fails to show the wonderful thickness of these masses of shaggy petals.

On the front cover of this catalogue are shown three Asters. Here you will see Lavender-Pink Rochester, showing the fullness of the Rochester flower, and you can well imagine its wonderful beauty in the other colors, lavender and purple.

**Vick's Lavender Rochester.** A clear light lavender color, just the shade in greatest demand by the florists.

Packet, 25 cents two for 40 cents.

**Vick's Purple Rochester.** A deep rich purple. Packet, 25 cents two for 40 cents.



## Eight First Premiums with Vick's Rochester Asters

Toronto, Ont., July 3, 1916.

James Vick's Sons, Rochester, N. Y.

Gentlemen:—It may interest you to know that last year, with "Rochester" Asters, I entered a local show with eight varieties and cleaned up first prize in the eight sections. It is, therefore, needless to mention what I think of "Rochester" Asters.

Yours truly,

MARTINE LINDSAY.

## HOHENZOLLERN or CREGO ASTERS

The Hohenzollern or Crego Astres have large flowers, with long, narrow, loose petals called Comet type and grow in a variety of colors. The plants are of the branching family and are very vigorous and productive. They bloom in mid-season or just before the Late Branching. We list below the Hohenzollern in their different beautiful colors. Packet, 10 cents.

White, Shell Pink, Lavender, Rose, Crimson, Purple.

One Packet each of the above colors. Six Packets, for 50 cents.

VICK'S LAVENDER ROCHESTER

## VICK'S MIKADO ASTERS

**Vick's White Mikado**, was the forerunner of this beautiful group of Comet Asters. The great shaggy, white flowers are made up of petals that are curled and twisted so that the flowers resemble fine white Chrysanthemums. The flowers are carried on stems of good length. The plants have a spreading habit, similar to that of the Branching Asters. The White Mikado is among the earliest of the mid-season Asters, coming immediately after the extra early varieties. Packet, 15 cents.

**Vick's Rose Mikado.** A deep, brilliant rose color. Like the White Mikado except in color. Packet, 15 cents.

**Vick's Dark Violet Mikado.** A rich, deep purple violet. The flowers are full double, very decorative in character and borne on good, stout stems. Packet, 15 cents.

## HARDY PLANT SEED COLLECTION for \$1.00

From the tall Hollyhocks and Foxgloves to the creeping Forget-me-not. Beginning in early spring with the Hardy Candytuft this collection will yield a succession of flowers each year until late in autumn. Full cultural directions will accompany each collection. **Vick's Perennial Collection of Seeds a Permanent Flower Garden for \$1.00.** Seed may be sown from May to August in the open ground.

	Cents
Columbine (Aquilegia), New Large-Flowering Hybrids	10
Candytuft (Iberis sempervirens), White	10
Canterbury Bell, Single Mixed	10
Coreopsis lanceolata, Yellow	10
Forget-me-not (Myosotis palustris), the true perennial	10
Forget-me-not, Blue	10
Foxglove (Digitalis), Mixed Colors	5
Blanket Flower (Gaillardia grandiflora)	10
Baby's Breath (Gypsophila paniculata), White, 2 ft.	5

	Cents
Hollyhock, Double Mixed	10
Iceland Poppy, Mixed Colors	10
June Pinks (Dianthus plumarius), Double Mixed	10
Larkspur (Delphinium), Large-Flowering Hybrids, Mixed	10
Oriental Poppy, Scarlet	10
Scabiosa Caucasica, Lavender	10
Sweet William, Single Mixed	5
Shasta Daisy, White	10
Regular Price if ordered separately	\$1.45





VICK'S WHITE

PERFECTION ASTER

## VICK'S PERFECTION ASTERS--Upright WHITE PERFECTION

We consider this the finest mid-season White Aster in cultivation. Grown under ordinary farm conditions, the flowers averaged four inches in diameter. They are exquisite in form, and the plants are taller than those of the late upright Asters. When first opened the entire flower is strongly whorled, producing a charming effect. The broad petals are slightly folded lengthwise, making them appear rather narrow. In mature flowers, the outer rows of petals are straight, but the center still retains its characteristic strong whorl. The plants are extremely vigorous, with unusually broad dark green leaves and stout stems. They carry about twelve large flowers on long stems free from side branches.

Packet, 20 cents; two for 35 cents.

### ROSE PERFECTION

The flowers of the Rose Perfection are a deep, bright rose color. They are of the same strongly whorled, incurved type as those of the Blush and Shell Pink Perfection; and the plants also have the same tall, slender, long stemmed habit. Many of our New York State friends will recall seeing in our exhibit at the 1916 State Fair a vase of these beautiful, bright rose-colored flowers, with a pronounced twist to the petals. Packet, 20 cents; two for 35 cts.

### LIGHT LAVENDER PERFECTION

This lavender color in a flower of this style is particularly beautiful. In combination with White Perfection, either in the garden or when cut, it makes a very handsome showing. Many of our friends pronounce this the best Light Lavender they have ever seen.

Packet, 20 cents; two for 35 cents.

One hundred and twenty-five acres of Asters in full bloom can be seen on our Aster Seed Farms in September

## Scarlet Bedding Asters

### VICK'S SCARLET GEM

Scarlet Gem is the nearest approach to a true scarlet color that has so far been produced in Asters. The plants are of the Branching type.

The flowers are larger than those of the Cardinal, a brighter, more fiery color, and not quite so double.

Packet, 20 cents, two for 35 cents.

### VICK'S CARDINAL

The best bedding Aster ever introduced. It has a very long season of bloom. The buds are a rosy carmine; the fully open flowers, which develop quite slowly, are a brilliant glowing cardinal, gradually fading to a deep crimson. The whole plant has a dark, rich color; even the dry and withered flowers retain so much color that the plant does not become unsightly. In the new strain of Cardinal now offered the middle of the flower is filled with long quill-like florets, so that it never shows a yellow center. Packet, 20 cents, 2 for 35c.

### How to Grow Asters Their Culture and Care

Newly revised, enlarged and illustrated. Contains many new points of value, and is a practical instructor for the Aster grower. Free with an order for Vick's Aster Seed amounting to 25 cents. or sent postpaid on receipt of 10 cents without order for seed.

### SHELL PINK PERFECTION

Like the Blush Perfection, recently introduced, the Shell Pink Perfection makes a tall, slender growth. The large, very double flowers are borne on stems of great length, making them especially valuable for cutting. The color is a beautiful shell pink, distinctly deeper in shade than Blush Perfection. In the fully opened flower the outer petals are widely spread, while the center of the flower is strongly whorled and the petals are also incurved.

Packet, 20 cents; two for 35 cents.

### BLUSH PERFECTION

An exquisitely dainty companion to the White Perfection. The flowers are equally large and have the same beautiful whorled form, but the color, instead of being snowy white, is an extremely delicate shade of flesh pink. The plants are similar in height, season of bloom and number of flowers, but the Blush Perfection makes a more slender growth. Packet, 20 cents; two for 35 cents.

### PURPLE PERFECTION

Like the other colors in this class of Asters the flowers are large and borne on tall, strong stems. The rich purple coloring and shading of this flower makes it one of the most desirable of the Perfection type. Packet, 20 cents; two for 35 cents.

### CRIMSON PERFECTION

This beautiful Aster has attracted the attention of everyone who has seen it. The flower is of fine form, large and strongly whorled, and borne on long stout stems. Plants are vigorous, and the foliage of an unusually fine color.

Packet, 20 cents; two for 35 cents.



## Vick's Pink Enchantress

This splendid Aster, introduced by us in 1912, is highly commended by our customers, and large quantities are grown annually by commercial florists. The immense flowers of a soft, delicate pink, are borne on strong, upright plants. The color is that of the popular "Pink Enchantress" Carnation. In Asters the color is between that of Vick's Day-break and the Semple's Pink Branching. This color, although very delicate, does not fade. The plants are tall and strong and the flowers are the size of those of the largest Branching Asters. The flower is made up of broad petals, loosely arranged, and the effect is indescribably soft and pleasing. Nothing could excel in refined beauty a vase of Vick's Pink Enchantress Asters.

Packet, 15 cents ;  
two for 25 cents.

## VICK'S AUTUMN GLORY

### A New, Very Late Branching Aster

Pure sea-shell pink. While similar in color to Semple's Pink, with which most growers are familiar, it has a better and more substantial flower, a deeper and longer keeping color, and larger and stronger type of plant. Its most distinctive characteristic and chief claim for recognition, however, is the fact that it is later in season than any of the other varieties. While it cannot take the place of others of similar color, which are earlier, it supplements them by blooming after the other Late Asters are past their prime, and before the early Chrysanthemums are ready, thus prolonging the Aster season two weeks, and coming at a time when good flowers are extremely scarce. Vick's Autumn Glory will be a money-maker for the commercial grower, and a delight to the amateur. It comes uniformly true to color and type. The flowers are very double and are borne on stems of unusual length. Packet, 20 cents ; two for 35 cents.

## VICK'S TRIUMPH COMET

A magnificent new class of mid-season Asters with extra long stems and large, fluffy, full, double flowers of the finest type. Splendid Mikado or Rochester flowers on tall, upright plants, blooming early in the season. In comparing Vick's Triumph Comet Asters with the Astermums as they were grown on our farms, under as favorable conditions as our Asters ever received, we found that the plants of Vick's Triumph Comet were taller, the stems longer and the flowers more double than those of the Astermum.

We offer six colors in Triumph Comet Asters: White, Lavender, Purple, Shell Pink, Lavender Pink, Rose.

Packet, 15 cents ; two packets, 25 cents. Vick's Triumph Collection of the six colors, six packets, 75 cents.



VICK'S PINK ENCHANTRESS

## VICK'S LAVENDER GEM

When first open the flower is an exquisite pale lavender, deepening with age. The flower is always full double, and it bears a large proportion of long, partly tubular florets, which are irregularly cut and slashed, so that it looks like a ragged Chrysanthemum. The flowers are borne in profusion on long, slender, wiry stems. The plant is erect and of medium height, branching close to the ground. It is classed with the early sorts. Our stock this year, way ahead of any previous crop both in size and quality. Flowers and plants are larger and better.

Packet, 15 cents ; two for 25 cents.

## Our Asters in British Columbia

Rosslund, B. C., Feb. 27, 1916.

James Vick's Sons, Rochester, N. Y.

Gentlemen:—Last Fall I captured eleven first prizes on Asters, chiefly from seed bought from your firm, and which were greatly admired by everyone.

Yours truly,

Mrs. B. B. THASKER.

**America's Oldest Mail Order Seedhouse**    **Our Sixty-ninth Year Selling by Mail**  
Our Aster Fields cover 125 acres, making us the largest growers of Asters in America. Make a visit to our Seed Farms



## Vick's Imperial Asters

The Imperial Asters comprise a collection of mid-season varieties distinguished by their delicacy of coloring, their profusion of bloom, and the extreme doubleness of their flowers. The vigorous plants are upright in growth and produce stems of good length. The large flowers are so double as to be veritable balls of bloom. In most of the Imperial varieties the petals are narrow, straight and sometimes slightly folded lengthwise. Vick's Daybreak, introduced by us in 1897, and Vick's Purity introduced in 1899 are now the best known and most widely used of all midseason Asters. They are especially adaptable for all kinds of bedding.

**Imperial Giant Daybreak.** The fully double, perfectly formed flowers are a beautiful and extremely delicate shade of flesh pink.

Packet, 15 cents.

**Imperial Giant Purity.** Larger in plant and flower than the famous original Purity. Crowned with great snow white globes of bloom.

Packet, 15 cents.

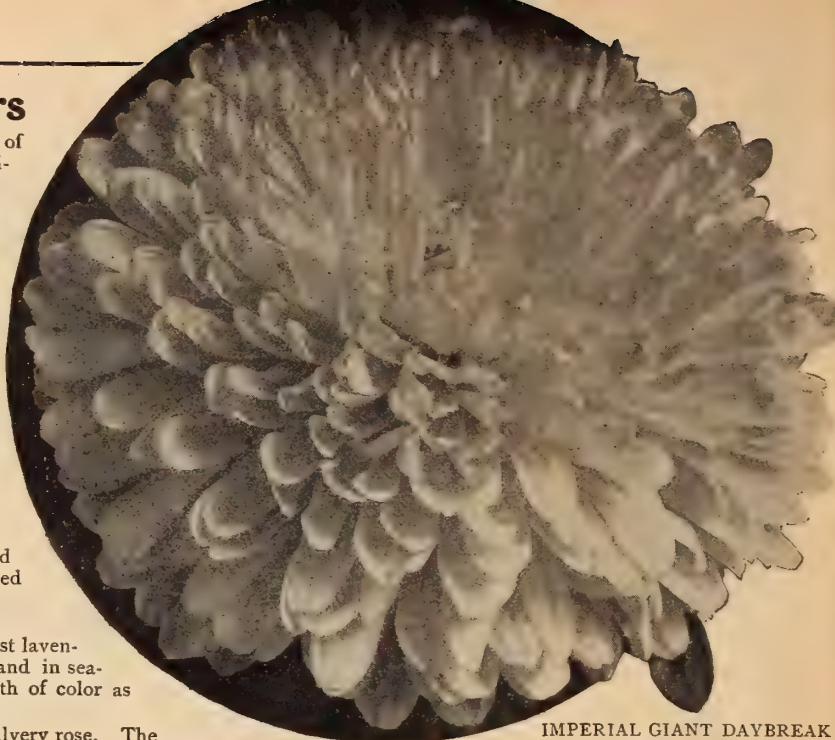
**Imperial Lavender.** A delicate shade of palest lavender. Resembles Daybreak in size, in form and in season. The lavender tint is about the same depth of color as the pink of Daybreak. Packet, 15 cents.

**Imperial Rose.** A very attractive shade of silvery rose. The blooming plants are veritable bouquets of roses.

Packet, 15 cents.

**Imperial Sunrise.** The large, globular flowers are a little deeper shade of pink than Daybreak. The soft clear coloring of the slender needles, shading delicately to the center, is exquisitely dainty. Packet, 15 cents.

**Imperial Purple.** A rich shade of purple. New to the Imperial class. Packet, 15 cents.



IMPERIAL GIANT DAYBREAK

**Imperial Lilac.** Charming new shade, free flowering and very double. Color pretty and distinct. Packet 15 cents.

**Imperial Bluebird.** A bright, lively blue. The plants are covered with the rounded, full double flowers. Packet, 15 cents.

**Imperial Violet.** A rich, dark violet purple. The large flowers contrast well with the delicate pinks of the Imperial class. Packet, 15 cents.

**Imperial Sunset.** A very rare and pleasing color, unusual in asters. Petals delicate soft pink at the ends shading to a darker color at the center.

Packet, 15 cents.

**Imperial Salmon.** A new color in Asters. A pale shade of pinkish salmon. The freshly opened flowers are a most exquisite color. A color most desirable for florists. Packet, 15 cents.

**Imperial Yellow.** A pale lemon yellow, flushed with pink. The flowers of Imperial Yellow and Imperial Salmon are not so large as those of some of the Imperials; but they make up in rare and dainty coloring what they lack in size. Packet, 15 cents.

Imperial, all colors mixed, packet, 15 cents.

A packet each any five colors, 50 cents.



A plant of Imperial dug from among the thousands in our fields and potted for photographing

## VICK'S NOVELTY ASTER MIXTURE

Our new mixture will yield our customers quantities of magnificent large flowers, and in addition, give them an insight into the fascinating work of developing new varieties. The seed of the mixture was saved from the plants grown in our experimental garden, where the work of improving and crossing new varieties is carried on, and none of them have ever been offered for sale. The plants from a packet of this seed will not only prove of great interest, but will reward you with a variety of beautiful flowers.

Packet, 25 cents, two for 40 cents.

James Vick's Sons, Rochester, N. Y.

Gentlemen:—I desire to make special mention of the seeds and plants purchased from you last spring. Had the finest collection of Asters grown from your seed this year of anyone for miles around. To say that I am more than pleased and well satisfied with seeds, plants and results, would be putting it very mildly indeed. Very respectfully, Mrs. H. SWEENEY.

Alexandria Bay, N. Y., Sept. 23, 1916.

James Vick's Sons, Rochester, N. Y.

Dear Sirs:—The last three or four years the writer, through another party, has been getting Aster seeds from you, and I am pleased to say that the display has received very favorable mention from the local papers here, as some splendid specimens have been grown.

New Lisheard, Ont., March 1, 1916.

Yours truly, E. M. WOODMAN.

Our Novelty Aster Mixture well deserves the popularity it has gained during the few years we have been offering it





## VICK'S ROYAL ASTERS

Vick's Royal are a new class of Asters in which the petals are very broad and distinctly incurved or shell-shaped. The peculiar shape of the petal gives an effect of shading that enhances the beauty of the color, has a charming grace and a Chrysanthemum-like effect. In size the flowers are like the Late Branching Asters, and the plants have the same sturdy vigor. In season they are earlier than Branching Asters, remaining in bloom a long time.

Vick's Royal White  
Vick's Royal Lavender  
Vick's Royal Rose

Vick's Royal Shell Pink  
Vick's Royal Purple  
Vick's Lavender Pink

Separate colors, or mixed colors, each, packet 10 cents.

Royal Collection of the six packets, 50 cents.

## QUEEN OF THE MARKET

Largely grown by commercial florists for cut flowers and for early market. The plants have an open, spreading habit, and the large, double flowers have a loose and graceful appearance. Seed should be sown quite early in the house.

White      Pink      Rose      Dark Blue  
Crimson      Scarlet      Lavender      Light Blue

Separate colors, or mixed colors, each, packet, 10 cents.

Shell Pink, Upright type, Packet, 15 cents

## VICTORIA

Two feet high; habit, pyramidal; flowers, large; an old standard variety, having a great range of colors. Mixed colors, Pkt. 10 cts.

## TRUFFAUT or PEONY-FLOWERED

The double flowers have the petals incurved, like a Peony. Plants two feet high. Mixed colors. Packet 10 cents.

## MIXED ASTERS

All classes and colors mixed in great variety, 10 cents

James Vick's Sons, Rochester, N. Y.

*For three years I have had your Aster Collection. Last summer they were more beautiful than ever. Our home was called "The Place of Flowers." They were simply grand.*

Sincerely,

Mrs. GEO. SUTTON.

## HOW TO GROW ASTERS

Their Culture and Care. Newly revised, enlarged and illustrated. Contains many new points of value, and is a practical instructor for the Aster grower. Free with an order for Vick's Aster Seed amounting to 25 cents or sent postpaid for 10 cents without order for seed.

## VICK'S LATE UPRIGHT

A new strain of Asters combining the upright growth of the earlier varieties with the flowers, the season and the foliage of the Late Branching. The upright habit admits of closer planting.

**Vick's Late Upright Pink.** Beautiful shade of lavender pink. The very full center remains white for a long time.

**Vick's Late Upright Peach blossom.** A slightly deeper shade than Pink. Very beautiful.

**Vick's Late Upright Crimson.** A deep, rich, glowing color and very large flowers.

**Vick's Late Upright Amethyst.** The flowers open nearly white, deepening with age to a decided amethyst.

**Vick's Late Upright White.** A pure white flower with a full center. Very popular with Aster growers.

**Vick's Late Upright Rose.** A wonderfully beautiful flower of a soft rose color. Very large flowers.

**Vick's Late Upright Purple.** Deep purple flower of a very rich shade. A popular flower.

Separate colors or mixed colors, each, packet, 10 cents.

Special Collection of the seven packets, 55 cents.

## Vick's Aster Plants

Strong, well-grown plants, that have been hardened off ready for setting out, of the varieties named below: Plants will be ready for delivery June 1st. We guarantee to deliver Aster Plants in good condition as far west as, and including, Ohio. Farther Western points at risk of purchaser.

Only the twelve varieties named below can be supplied in plants:

### Vick's Late Branching Aster Plants

White, Pink, Lavender and Purple.

### Vick's King Aster Plants

White, Pink, Rose and Violet.

### Vick's Rochester Aster Plants

White, Pink, Lavender and Purple.

One Hundred, one variety . . . . . \$1.25, postpaid

One Dozen, one variety . . . . . 25 cents, postpaid

Two Dozen, one variety . . . . . 40 cents, postpaid

Brooklyn, N. Y., June 23, 1916.

James Vick's Sons, Rochester, N. Y.

Gentlemen:—Plants arrived; many thanks for the strong, healthy ones you sent. Am going to look forward to a fine lot of blooms from them this fall.

Very truly yours,

B. F. MACDONALD.

We were the first Seedsmen to introduce the Sweet Pea to the American people. On page 73 we list many varieties



# VICK'S

# ANNUALS

## VICK'S CURLED AND CRESTED ZINNIAS

For Description See Page 77

**T**HE Annuals are valuable treasures to both the amateur and professional gardener. Then some variety will be found especially well adapted. Every bed can be made is no situation or soil in which some of the Annuals will not flourish. Some members some are pleased with a cool clay bed, like the Pansy; while others are never so comfort- sun, like the Portulaca. Still others seem perfectly indifferent, and will grow and flower kinds should be planted very early in the spring, while a few will give an abundance of bloom if planted quite late in the season.

To the Annuals we are indebted mainly for our brightest and best flowers in the summer and autumn months. Without the Phlox and Petunia and Portulaca and Aster and Stock, our gardens would be poor indeed, and poorer still without the sweet fragrance of the Alyssum, Mignonette and Sweet Pea.

In every conceivable spot in the gar- brilliant with these favorites, for there delight in shade, others in sunshine; able as in a sandy soil and burning under almost any circumstance. Some

**A complete list of Perennial Seeds will be found immediately following these Annuals**

## AGERATUM

The pretty, brush-like flowers of the Ageratum are produced in clusters constantly all through the summer. The plant has a neat, bushy habit. Excellent for bedding or for bouquets. Seeds may be sown in a mellow seedbed in the open ground, or under glass early in the season. Pkt.

- |   |    |
|---|----|
| Little Dorrit. Azure blue. Very dwarf. Free flowering . . . . .   | 5  |
| Little Dorrit, White. Same as above, except in color of flower. . . . .   | 5  |
| Blue Perfection. Splendid dwarf bedding variety, the darkest of all blue Ageratums. 1/4 ounce, 30 cents . . . . . | 10 |
| Princess Victoria Louise. Dwarf. Bright blue, white center . . . . .  | 10 |
| Mixed Varieties. 1/2 ounce, 20 cents . . . . .  | 5  |

## ALLEGHENY VINE

**Adlumia cirrhosa. Wood Fringe.** Graceful hardy climber with feathery foliage like the Maiden Hair Fern. Bears a profusion of pretty and curious pink flowers. Easily grown, and blooms first year from seed . . 15

## ALYSSUM

Small white flowers, delicately fragrant, valuable for cutting and for bedding. Sow in early spring or even the previous autumn. In the border the plant is covered with bloom the entire season. For winter bloom sow the last of August, thinning to about a dozen plants for a good sized pot or basket. When out of bloom cut back for a second crop of flowers.

- |   |    |
|---|----|
| Sweet Alyssum. Ounce, 40 cents . . . . .  | 5  |
| Little Gem. Dwarf, compact. Not over six inches high. Covered with fragrant white flowers the entire summer. 1/4 oz., 25 cts.; oz., 75 cts . . . . .                  | 5  |
| Carpet of Snow. As the name indicates, this variety forms a close mat completely covering the ground with white bloom. 1/4 ounce, 25 cents; ounce, 75 cents . . . . . | 10 |

## AMARANTUS

Bright colored plants from three to five feet high. Easily grown annuals thriving in hot sunny locations.

- |   |    |
|---|----|
| Sunrise. The most brilliantly colored of the Amaranthus. Lower leaves dark maroon; top of plant glowing crimson scarlet . . . . . | 15 |
| Vick's Fine Mixture . . . . .   | 5  |

## ASPERULA

Flowers fragrant. Plants bloom profusely. About nine inches in height. Thrive well in the shade.

- |   |   |
|---|---|
| Azureta setosa. Annual. Fragrant sky-blue flowers. Blooms all summer. . . . . | 5 |
|---|---|

**Have Used Vick's Seeds Through Four Generations**

Kalamazoo, Mich., Feb. 18, 1916.

James Vick's Sons, Rochester, N. Y.

Gentlemen:—Inclosed find my usual spring flower seed order. It may interest you to know that four generations of our family have grown Vick's seeds and found them satisfactory.

Thanking you in advance for my seeds, I am, sincerely,

Mrs. C. B. SIGGINS.

Curled and Crested Zinnias, as pictured at the top, come in a variety of beautiful colors. See description on page 77



The picture above shows: First row, border of Alyssum; second row, Geraniums; background, California Privet. All suggestive of "Vick Quality" in Seeds, Plants, and Shrubbery.



## Vick's Giant Antirrhinums (Snapdragon)

This fine old-fashioned flower is again becoming very popular. It has been greatly improved in recent years. As a bedding plant it blooms continuously until late in the fall. Since the long spikes of brilliantly colored flowers are deservedly very popular for cut flowers, Snapdragons are grown extensively by florists for winter use. Grow two to three feet high. Sown in early spring it blooms freely the first season. For early flowers sow seed in midsummer and protect the young plants over winter. Plants from seed sown in the spring will live over winter if not allowed to bloom much the first year. They should have some protection in winter.

### New Giant-Flowering Antirrhinums

<b>New Giant-Flowered.</b> Flowers double the size of ordinary sorts. Have a rich velvety texture. Very graceful and beautiful when cut for vases. *	<b>Pkt.</b>
<b>Bright Crimson.</b> A handsome color. Very attractive. . . . .	10
<b>Crimson.</b> With white throat . . . . .	10
<b>Deep Scarlet.</b> Rich, dark color. Very popular . . . . .	10
<b>Rose.</b> A favorite everywhere. . . . .	10
<b>Ruby King.</b> Unusually large flowers. Deep blood red. . . . .	10
<b>Scarlet.</b> A deepscarlet flower with white throat. . . . .	10
<b>Scarlet and Gold.</b> A wonderful combination of color in a flower . . . . .	10
<b>Silver Pink.</b> Special florists' strain . . . . .	10
<b>Striped.</b> Flowers striped. Very handsome . . . . .	10
<b>White.</b> Pure snow white . . . . .	10
<b>Yellow.</b> A rich, warm yellow. Very beautiful. . . . .	10
<b>Vick's Queen Victoria.</b> Very large, pure white, superb. . . . .	10

**Vick's Collection of 6 varieties** of your selection, in separate packets, 50 cents.

**Vick's Extra Fine Giant-Flowered Mixed.** Ounce, \$1.00; one-quarter ounce, 35 cents; Packet, 10 cents.

**Vick's Fine Mixed, 1/4 oz., 20c.;** oz. 60 cents; packet, 5 cents.

### "VICK'S"

The Household Word  
For Good Seeds.



VICK'S GIANT-FLOWERED  
ANTIRRHINUM

### CALLIOPSIS

Plants about two feet in height, of slender growth, and should be given plenty of room to spread. The flowers are of various shades of yellow and orange, variegated with rich velvety crimson or maroon. These graceful flowers are excellent for bouquets, their warm and brilliant tints harmonizing well with all other colors. The seed grows very readily, and may be sown where the plants are to flower. Annual. **Pkt.**

<b>Coronata.</b> Plants compact and of a bright rich green. Bloom early and continue until late fall. Flowers golden yellow, about the size of a silver dollar . . . . .	5
<b>Drummondii (Golden Wave).</b> Plants bushy, compact, covered with rich golden yellow flowers, chestnut-brown center . . . . .	5
<b>Dwarf Varieties Mixed.</b> Fine for edging or pots . . . . .	5
<b>Tall Varieties Mixed.</b> One-quarter ounce, 15 cents. . . . .	5

### CHRYSANTHEMUMS

#### Annual Varieties

The Annual Chrysanthemums are free-blooming, easily grown plants. They have large, Daisy-like flowers in a variety of brilliant colors and are fine for cutting. **Mixed Colors, Per Packet, 5 cents.**

### BALSAM. Lady's Slipper

The seed of this popular old-fashioned annual should be sown either in the house, or in the garden after the ground has become warm. The plants do best in a rather light, rich soil. They transplant readily, and the flowers are much finer if the plants have plenty of room; one foot apart each way is not too much space for best results. Grown this way and given plenty of water the Balsam will make a splendid show and will remain in bloom for a long time. The plants grow about two feet in height. **Camellia-flowered.** Superb double flowers in a variety of colors.

**White Perfection, Pkt. 10 cts. Deep Blood Red, Pkt. 10 cts. Spotted, Pkt. 10 cts.**

**Mixed. Many fine shades, Pkt. 10 cts.**

**Common Double.** A great variety of colors. Flowers not so uniformly double as the Camellia Flowered. Ounce, 60 cts.; 1/4 ounce, 20 cts.; Pkt. 5 cts.

### Vick's "B & B" Collection of Annuals for the Garden

Shown in Colors on the Inside of Back Cover

Vick's Ruffled Petunias	Vick's Curled and Crested Zinnias
Vick's Large-Flowering Phlox Drummondii	Vick's Giant Flowering Zinnias
Vick's New Emperor Salpiglossis	Vick's Early-Flowering Cosmos
Vick's Annual Larkspur	

One packet of each of the above in mixed colors, and one packet of  
Vick's Famous Branching Asters for 75 cents



BALSAM—LADY'S SLIPPER

There is no plant that will give you more satisfaction than the Dahlia. The newest and finest varieties on page 99





AFRICAN DAISY

## CANDYTUFT

Candytuft has long been among the most highly prized of garden annuals. The best effect is produced by raising the plants in masses, the seeds being sown where the plants are to bloom. Sow in rows six to eight inches apart, and thin out the plants so that those remaining will have plenty of room. The soil should be rich. When blooming time comes keep the plants well watered.

- Purple, White Rocket, Carmine, Lavender, Flesh, Extra Dark.** Pkt. 5  
**Crimson.** Each Color, ounce, 40 cents . . . . . 5  
**Mixed colors of above Six Varieties.** Ounce, 30 cents. . . . . 5  
**Empress.** A pure white variety, of large size, and the finest in cultivation. Strong, free grower, producing large trusses of flowers; on candelabra-formed branches; individual flowers of large size. After devoting several years to selecting and saving seed from only the most perfect flowers, we have succeeded in procuring an extra fine strain of this grand variety. Ounce, 60 cents. . . . . 10  
**Pinnata.** Compact plants with fine feathery foliage and pure white flowers. Splendid for edging. Retains a neat appearance throughout the season. Ounce, 30 cents . . . . . 10



EMPRESS CANDYTUFT

After hard frosts, and when other annuals are gone, our fields of Calendulas are still a mass of yellow and orange

## AFRICAN DAISY

**New Hybrids.** The blooms of these new Hybrids of the Golden Orange African Daisy; *Dimorphotheca aurantiaca*, comprise a wonderful variety of beautiful and delicate shades of color, ranging from pure white through pale salmon and primrose tones to deepest orange. The flowers are very graceful and are produced in the greatest profusion all summer. A bed of the New Hybrid African Daisy makes a continuous and charming display of color. . . . . Pkt 10

## CANNA

The Canna will bloom from seed the first year if sown early. Seeds should be soaked for twenty-four hours in warm water before sowing.

- Crozy's New Hybrids.** Gorgeous bedding plants, dwarf in habit, early bloomers, and remarkable for beauty, size of flower and foliage. If seeds be sown before April in hotbed or greenhouse, the plants will bloom in July, and continue until frost. These plants may be potted in the fall and kept blooming through the winter, or the roots may be taken up in late fall and re-planted the following spring. **Mixed Varieties;** ounce, 40c. 10  
**Madame Crozy.** Brilliant vermilion-scarlet, bordered golden yellow 10  
**Mixed Tall Varieties of the Old Types.** Among these are many fine colors not represented in the newer sorts.

Ounce, 30 cents. . . . . Pkt. 5  
**Dark-leaved Varieties Mixed.**  
 Oz., 40c., Pkt. 10c.



CALENDULA

## CALENDULA or Pot Marigold

One of the best and showiest free-flowering annuals. Will grow in any good garden soil and produce a fine effect in beds and mixed borders. Valuable for pot culture, blooming in the winter and early spring. One foot high.

- Double Sulphur.** Flowers large and double. Color light lemon-yellow 5  
**Meteor.** Handsome, double, and beautifully striped, the petals having a creamy center edged with orange-yellow . . . . . 5  
**Orange Giant.** The finest large-flowered orange. Very double. . . . . 5  
**Mixed Varieties.** ¼ Ounce, 15c; Ounce, 50 cents . . . . . 5

## CELOSIA or Coxcomb

Celosias are interesting and brilliant annuals, and when grown from Vick's Selected Seeds never fail to please the grower and attract attention. There are two desirable forms of the Celosia, the Cockscomb and the Feathered.

### COCKSCOMB

Solid heads, often a foot or more across the top.

- Glasgow Prize.** Large dark crimson comb . . . . . 10  
**Empress.** Leaves dark maroon; heads crimson. Fine . . . . . 10  
**Choice Varieties Mixed.** Brilliant colors . . . . . 10

### FEATHERED CELOSIA

The Feathered Celosias have feathery plumes of great size and beauty. The following are the best of this class in cultivation, and come true from seed.

- Pride of Castle Gould.** The new Ostrich Plume Celosia. An entirely distinct type of the Feathered Celosia. Pyramidal compact growth of from two to three feet, covered with immense extra fine feathered heads, a most striking and unique appearance. Several brilliant colors. Unsurpassed as a pot plant or for bedding. . . . . 20  
**Superba plumosa.** Superb feathered, bright crimson . . . . . 5  
**Thompson's Superb Feathered.** Splendid. One of the best of the late introduction . . . . . 10  
**Mixed Colors.** . . . . . 5





California  
Poppy

CENTAUREAS

Under this heading we list the popular Bachelor's Button, Basket Flower, Sweet Sultan and Dusty Miller.

Centaurea Cyanus

Bachelor's Button, Corn Flower, Ragged Sailor, etc.

One of our best known hardy annuals. Blooms freely and easily grown. Eighteen inches to two feet high.	Pkt.
Double Blue, Finest of the Corn Flowers. Full double flowers of deep blue. ¼ oz., 50 cts. . . . .	10
Emperor William. Fine Dark blue. Ounce 30 cents . . . . .	5
Pure White. Ounce, 30 cents . . . . .	5
Mixed Colors. Ounce, 25 cents . . . . .	5

Centaurea Americana

Basket Flower. Grows three to five feet, bearing immense thistle-like blooms on long stems. Handsome in the garden or as a cut flower. . . 10

Centaurea Imperialis  
Sweet Sultan

These mammoth varieties are great improvements on the old Sweet Sultans. Easily cultivated, and succeed everywhere. The flowers are two to four inches across, of graceful form, and of the sweetest fragrance. Being on long, stiff stems, they are admirably adapted for cutting and keep a long time. Bloom continuously until late autumn. Plants grow two to four feet high.

Odorata. Light blue . . . . .	10
Chameleon. Sulphur-yellow, changing through creamy white, to pink. 10	10
Margueritæ. Pure satin white. . . . .	10
Suaveolens (Yellow Sweet Sultan). Large fragrant flowers produced all summer. Fine for cutting. Two feet high . . . . .	10
Mixed Colors, including many shades. Oz., \$1.00; ¼ oz., 30 cts. . . . 5	5

Centaurea Silver Leaf  
Dusty Miller

Low growing white-leaved perennial varieties, used for ornamental bedding, edging, vases, etc. Grows 12 to 15 inches high.

Candidissima. Leaves silvery-white, much divided. . . . .	10
Clementei. Densely white, woolly. Leaves broadly cut . . . . .	10
Gymnocarpa. Leaves silver-gray, finely divided 10	10

BALLOON VINE

Cardiospermum, Love-in-a-Puff. A rapid-growing summer climber, with small white flowers, followed by curious inflated seed vessels. Sometimes grown in pots on verandas, etc. . . . . 5

DAHLIA

Dahlia. Choicest double varieties mixed. . . . .	10
Dahlia. Finest single varieties mixed . . . . .	10

FEVERFEW

Fine hardy plant, covered with double white flowers from June to October. . . . . 10

GLADIOLUS

Mixed from Choice Named Varieties . . . . . 10

CALIFORNIA POPPY—Eschscholtzia

The brilliant Eschscholtzia is California's chosen State Flower. The plants grow to about a foot in height; the leaves are of a grayish green color, finely cut and divided. The large, handsome flowers, two inches or more in diameter, are produced in great profusion all summer. Seeds should be sown where the plants are to bloom.

MIKADO. Brilliant orange scarlet. The deepest and richest color yet produced in the California Poppy . . . . .	10
Golden West. A beautiful variety; color light orange-yellow . . . . .	10
Rose Cardinal. Outside of flower carmine, inside nearly white. . . . .	10
Orange, Yellow and White. Single, separate colors, each. . . . .	5
Single Varieties Mixed, oz., 25 cents; ½ oz., 15 cents, . . . . .	5
Double Orange and Double White, each . . . . .	5
Double Varieties Mixed . . . . .	5

BRACHYCOME

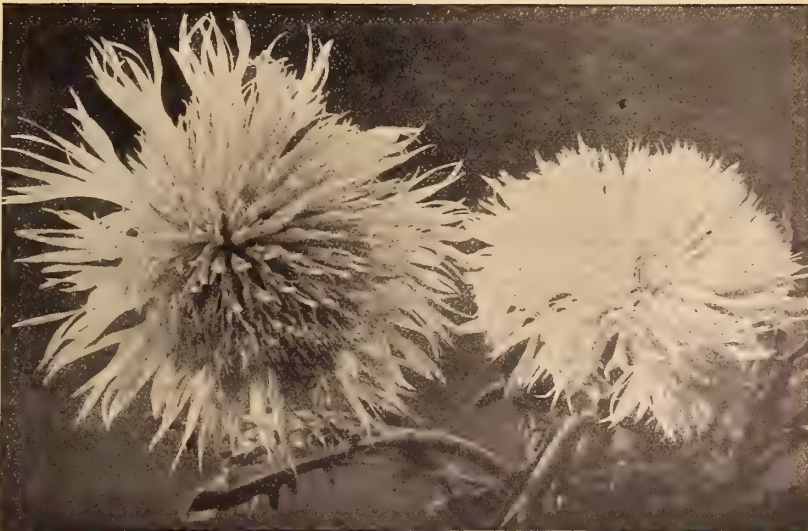
Swan River Daisy. Annual. A charming little flower in blue or white. Plants compact, 12 inches in height, with neat slender foliage. Easily grown and blooms the whole season. Mixed colors . . . . . 5

CYPRESS VINE

Ipomœa Quamoclit. One of the most graceful and beautiful of garden vines. For training upon a light trellis it is unexcelled. Its scarlet or white flowers are produced in profusion, and its finely-cut foliage is well adapted to ornamental work. When plants are set in rich soil, where they are to grow, they will reach a height of ten feet; or, if planted thick, will soon make a screen of exquisite foliage and flowers. Soak seeds over night in warm water before sowing. Scarlet, White or Mixed, ounce, 40 cents . . . Pkt 5

DATURA

Large, strong-growing plants, with large, trumpet-shaped flowers. Roots can be preserved in the cellar like Dahlias. Three to six feet in height. Wrightii. The best single variety, white, tinged with lilac, sweet-scented. 5  
Double Varieties Mixed. . . . . 5



CENTAUREA IMPERIALIS OR SWEET SULTAN

The flowers of Centaurea Imperialis and Salpiglossis are always great favorites at the Flower Shows where we exhibit



## Vick's Giant Cosmos

This popular autumn-blooming annual bears beautiful flowers often four inches in diameter, coming at a time when other flowers are scarce. Sow seed in the open ground after all danger of frost is over, or it may be started earlier under cover and transplanted.

**Giant Pink Lady Lenox.** A new variety. Flowers much larger, with wide, overlapping petals, making a perfectly full circular flower. Extra long stems and splendid for cutting. Color a deep rosy pink.  $\frac{1}{4}$  oz., 40 cents . . . . . Pkt

**Giant White Lady Lenox.** Same as above with white flower.  $\frac{1}{4}$  oz., 40 cents . . . . . Pkt 10

**Mammoth Perfection.** A vast improvement over the old sort; flowers double the size, the petals being broader and overlapping, forming a perfectly round flower. Fine for cutting for bouquets and vases, keeping several days in water, and lasting out doors until cut down by frosts. . . . . Pkt.

**Pure white, Pink, Crimson, each,**  $\frac{1}{4}$  oz., 20 cents . . . . . 10

**Mammoth Perfection Mixed,**  $\frac{1}{4}$  oz., 20 cents . . . . . 10

**Dawn.** An excellent early-flowering variety. Flowers good size; pink. Plants about four feet in height . . . . . 10

## Vick's Extra Early-Flowering.

A new strain developed on our farm, especially selected for earliness and size of bloom. Heretofore growers of this beautiful annual have been obliged to start the seed early in March in the house or under glass, and then transplant the young plants out of doors after danger of frosts were over. Our new strain grows so rapidly that seed can be sown out of doors where plants are to grow and in a few weeks the plants will be covered with a mass of large beautiful flowers, and will continue to bloom until frosts come in the fall. The flowers of this excellent strain are fully as large and beautiful as the very best late flowering kinds, and come in various shades from pure white to purplish pink. Unsurpassed for cutting. An annual.

**Separate colors, Extra Early-Flowering, white, pink, crimson.** 10

**Mixed Colors, Extra Early-Flowering,**  $\frac{1}{4}$  oz., 30 cents . . . . . Pkt 10

**Cosmos Collection of 3 packets of Extra Early-Flowering, one each of white, pink and crimson** . . . . . 25

## CARDINAL CLIMBER

### The Most Beautiful and Brilliant Annual Climber Ever Sent Out

A strong, rapid grower, attaining a height of thirty feet or more, with beautiful fern-like lacinated foliage, covered with fiery cardinal-red flowers from midsummer till frost. The flowers are about  $1\frac{1}{2}$  inches in diameter, and are borne in clusters of five to seven blossoms each. It delights in a warm, sunny situation and good soil.

Packet, 15 cents.

VICK'S EARLY-FLOWERING COSMOS

## DIANTHUS—Garden Pinks

The varieties of Dianthus known as Chinese Pinks and Japanese Pinks are among the most brilliant of our garden flowers, and are worthy of particular care. The plants are from twelve to fifteen inches in height. Seed can be sown under glass in the spring, or in an open, sheltered bed. The plants are easily transplanted, and should be set from eight to twelve inches apart. Blooms the first summer, and also the second, if the flowers are freely picked, and the plants are protected in the winter.

### DOUBLE GARDEN PINKS

<b>Chinese or Indian.</b> Blooms in clusters. Flowers double. Best mixed.	Pkt.	5
<b>Diadem.</b> Dazzling colors with distinct black markings. Beautiful variety.		5
<b>Fringed.</b> Deeply fringed. Magnificent large flowers in rich colors . .		5
<b>Heddergii.</b> Beautiful large flowers in rich color patterns. Fringed . .		5
<b>Imperial.</b> The large double flowers distinctly marked. Choice colors .		5
<b>Mourning Cloak.</b> Very dark rich crimson bordered with white . . . .		5
<b>White.</b> Large double flowers. . . . .		5

### SINGLE GARDEN PINKS

The rich markings show more plainly than in the double flowers.	
<b>Fringed.</b> The deep fringing gives an effect of richness and elegance. . .	5
<b>Heddergii.</b> Large flowers in a variety of brilliant colors . . . . .	5
Any of the above varieties, one-quarter ounce, 15 cents . . . . .	5
<b>Special Mixture, Single and Double, Annual Varieties</b> . . . . .	5

## Carnation Pinks

The various kinds of Carnation Pinks are all closely related to the greenhouse varieties of Carnations. All are deliciously fragrant, and all have the same narrow, grass-like foliage. Finest of the Dianthus group. Pkt.

**Marguerite.** Like the winter blooming Carnations, but bloom the first year from seed. A great variety of beautiful shades and fragrant double flowers. Seeds should be sown inside to give longer season of bloom. Plants can be taken up in pots for winter blooming. . . . . 10

**Mixed Colors** . . . . . 10

**Giant Flowering Marguerite.** An extra large-flowering strain of Marguerites. Stronger plants and equally early. **Mixed Colors** . . . . . 25

**Dianthus plumarius.** Pheasant's Eye, Grass Pink, or June Pink. Fine for massing. Closely related to the Carnation but smaller flowers and more hardy. Flowers beautiful and fragrant. Fine hardy perennial. . . . .

**Single Mixed, one-quarter ounce, 20 cents** . . . . . 5

**Double Mixed. (Grass Pink, or June Pink)** . . . . . 10

**Cyclops Pinks. Scotch Pink.** Very hardy. Beautiful single flowers with large eye of velvety blood red. Has a sweet clove-like perfume. . . 10

**Semperflorens. Florists' Perpetual Pink.** Very sweet-scented, double and single flowers. Great diversity of colors. . . . . 25

**Early Dwarf Vienna.** Beautiful double Carnations with delightful clove fragrance, blooming profusely early the second summer. It is better to renew the plants each year. An early flowering and erect-growing strain. **White, Scarlet and Crimson Mixed** . . . . . 15

**Extra Choice German.** Similar to Dwarf Vienna, but contains a greater variety of colors. **Mixed Seed** . . . . . 20



SINGLE AND DOUBLE GARDEN PINKS

Watch the development of the New Double Cosmos. See our novelty pages in the front of the book for description



**DELPHINIUM or LARKSPUR****Annual Larkspur**

Beautiful plants. The annual varieties are very free bloomers, and produce large spikes of flowers, white, pink, rose, light blue, dark blue, and violet. In some varieties the flowers are double, in others single. The beautiful plume-like foliage is very ornamental, and the whole series are excellent for bouquets and table decorations. They prefer a cool soil and season. Sow seed in fall, or early in spring. The branching varieties grow two feet high, and should stand eighteen inches apart. The Rockets should be thinned to five or six inches apart.

Double Dwarf Rocket. One foot in height. Mixed Colors. Ounce 35 cents	5
Double Tall Rocket. Large plant; very showy. Two feet high. Mixed Colors. Oz., 35 cts.	5
Stock-Flowered. Double. Branching. Fine for cutting. Two feet high. Mixed Colors	5
Emperor. Compact. Brilliant. Two feet high. Mixed Colors	10

**GAILLARDIA, Blanket Flower**

Gaillardias, known as Blanket Flowers, are good bedding plants, blooming continuously until late in the fall. Flowers large and showy, two to three inches across; fine for cutting, as they last a long time in water. Set plants twelve to eighteen inches apart. Half-hardy. One to two feet high.

Picta Lorenziana. Fine double. Flowers two inches in diameter	5
Mixed Single Annual Varieties	5

**HUNNEMANNIA, Tulip Poppy**

*Hunnemannia fumarifolia*, Giant Yellow Tulip Poppy. This most beautiful plant forms a shrubby bush two feet in height, with finely-cut foliage, similar to that of the California Poppy and produces its large tulip-shaped flowers on long stiff stems, from August till November. The color is a clear, brilliant yellow, the petals resembling crushed satin. The flowers will keep in the water for several days. Sow seed early in the spring, in shallow drills where the plants are to bloom. Pkt 10

**IPOMOEA, Moon Flower**

The Ipomoeas are climbers of rapid growth. If planted in rich soil in a sunny location and given plenty of water will grow to a height of 6 to 70 feet during a single summer, and will bear immense fragrant flowers of glistening white 7 to 8 inches across. The flowers open at sunset and close the next morning.

Bona Nox. Good Night or Evening Glory, Moon Flower. Flowers large, white	10
Giant Pink Hybrid. The soft lilac-pink flowers are produced abundantly all summer and fall	10

For other varieties of Ipomoea, see Cypress Vine and Morning Glory.

**HELIOTROPE**

This class of plants is one of the finest for cutting, as the delicious fragrance of all the varieties is very durable. Seed sown early in the spring in the house will make fine plants for summer bedding.

New Hybrids. A splendid strain of giant flowering. Choicest Mixed Colors	10
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**NICOTIANA**

*Affinis*. One of the best Nicotianas we have ever grown. The plant attains the height of three feet, and at evening and early morning is covered with deliciously-scented, large, white flowers. Easily grown from seed, and cuttings rooted in September will bloom freely in the winter.

*Sanderæ*. The whole plant, from base to summit, is laden with flowers of an intensely glowing rosy carmine color, making it incomparably beautiful and charming. Easily grown.

*Sylvestris*. Grows about five feet high, with very symmetrical foliage. The very long pendulous flowers are delicately fragrant, and are borne in great profusion. A bold and striking plant.



ORNAMENTAL GOURDS

Annual Larkspur deserves your attention. A free bloomer, very beautiful. Fine for bouquets and table decoration



LARKSPUR—DELPHINIUM

**LOBELIA**

Exceedingly useful plants for edging flower beds, their free-blooming qualities and brilliant shades of blue to white making a pleasing contrast to the masses of reds and yellows so prevalent in bedding. They are also elegant for hanging baskets, pot culture, etc. All are annuals except *Lobelia cardinalis*, which is a hardy perennial.

Cardinalis. Our native Cardinal Flower. Spikes of brilliant scarlet. Blooms the first year if well started with heat. The flowers are said to be the most brilliant scarlet tint that occurs in nature	15
Barnard's Perpetual. Flowers a brilliant blue, white eye	10
Crystal Palace compacta. Dark blue. For edging and carpet-bedding	10
Emperor William. Light-blue; compact; very fine	10
White Gem. Forms a ball of snow-white flowers	10
Erinus (gracilis). Blue. Fine for baskets or trailing purposes	10
Mixed Varieties, for baskets, etc.,	10

**GOURDS**

The Gourds are prized for their rapid growth and their odd-shaped and highly colored fruits. They are useful for covering arbors, old fences, stumps, etc. The fruits, when allowed to ripen, can be kept for years.

African Pipe Gourd. The fruit of this Gourd is used in making the pipes now so popular on account of their lightness and coloring qualities	10
Dish-rag, or Sponge. (Chinese Loofa). When ripe the inside resembles fibrous cloth, the fibrous interior can be used as a sponge	5
Balsam Pear has ornamental foliage. When ripe the golden yellow fruit opens, displaying the carmine interior.	5
Calabash. The old-fashioned dipper gourd	5
Knob Kerrie. A very popular and ornamental variety that bears a long, slender-stemmed fruit with a ball-like knob on its end. Green, becoming mottled yellow	10
Wild Cucumber. Echinocystic lobata. A fast-growing climber running 30 feet in season. White fragrant flowers, prickly seed pods.	5
Hercules' Club. Strong-growing climber bearing fruit of great length.	5
Mixed Varieties. Contains a great variety of curious forms in addition to the kinds named above.	5
Any of the above varieties. Ounce, 30 cents	

Does your garden furnish you with fresh fruit of delicious quality the entire season? See Vick's Fruit and Ornamental Tree Book. It will interest you.



# VICK'S MARIGOLDS

The African and French Marigolds are valuable for their flowers in late summer and autumn and can be grown to advantage in little clumps with other plants in the front of shrubbery or in the garden border. The African varieties are the taller in growth, and produce large self-colored blossoms. The French varieties are smaller, some of them being elegantly striped and spotted. The dwarf-growing kinds make extremely handsome borders, being neat compact plants, and remaining in full bloom until killed by frost. Seeds can be sown in the open border, or, earlier, in a coldframe, and the young plants transplanted late in the spring to where they are to remain. They succeed best in a light soil, with full exposure to the sun. Annual.

## AFRICAN MARIGOLDS

**Pride of the Garden.** The immense flowers of this grand variety are densely double, and of a beautiful golden yellow color. A notable feature is the compact, dwarf habit of the plant, which forms dense bushes fifteen to eighteen inches high and two feet across.  $\frac{1}{4}$  ounce, 50 cents . . . . . Pkt 5

**Eldorado.** Flowers very large, ten to fourteen inches in circumference, and extremely double and quilled like a Dahlia; golden yellow. Plants three feet in height.  $\frac{1}{4}$  oz., 50 cts. . . . . Pkt 5

**Lemon Queen.** Large lemon-colored flowers . . . . . Pkt 5

**Mixed Varieties.**  $\frac{1}{4}$  Ounce 25 cents . . . . . Pkt 5

## FRENCH MARIGOLDS

**Electric Light.** Double; dwarf. Brilliant yellow with brown markings. . . . . 5

**Gold Margin.** Double. Flowers velvety maroon, margined with gold. Plant only eight inches high, bushy, compact, and free-flowering.  $\frac{1}{4}$  ounce, 15 cents . . . . . Pkt 5

**Dwarf Double Varieties Mixed.**  $\frac{1}{4}$  ounce, 25 cents . . . . . Pkt 5

**Dwarf Marigold Little Brownie or Legion of Honor.** A charming single-flowered plant, about six inches high. Very effective in masses or borders. Begins flowering extremely early, commencing in June. Color a brilliant gold, blotched with maroon . . . . . Pkt 5

**Tagetes signata pumila.** A beautiful dwarf plant, forming a globular dense mass. Fine for bedding or borders.  $\frac{1}{4}$  ounce, 50 cents . . . . . Pkt 5

**Tall Varieties Mixed.**  $\frac{1}{4}$  ounce, 15 cents . . . . . Pkt 5

## FOUR O'CLOCK or MARVEL OF PERU

The flowers of this old-fashioned favorite open about four o'clock in the afternoon and fade the next morning. Two feet high, with bright foliage and fragrant flowers of desirable colors. Set plants two feet apart. Makes a nice hedge if set a foot apart. Seed should be planted in the open ground where plants are desired. The roots may be taken up in the autumn and preserved through the winter for spring planting, in the same manner as Dahlias. **Marvel of Peru.** Mixed Colors.  $\frac{1}{4}$  Oz. 15 cts . . . . . Pkt 5

**Variegated foliage.** Flowers of a variety of colors; . . . . . Pkt 5

## KOCHIA TRICOPHILA, Summer Cypress

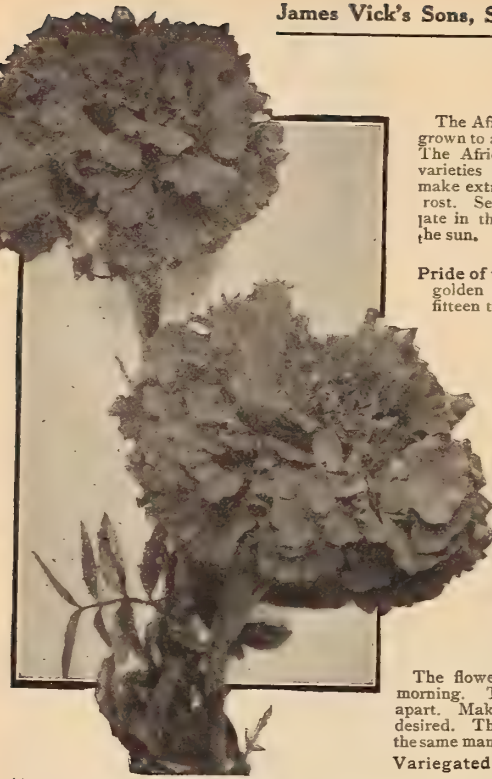
Exceedingly Attractive as an Ornamental Hedge

We consider the Summer Cypress worthy a place in every garden. It grows about three feet high, with many slender branches pressed close to the main stem, and resembles a small, closely-sheared evergreen, the slender foliage being a delicate light green. In September, the whole plant becomes a solid mass of crimson. Seeds germinate readily, and may be sown in the open ground about the first of May. For a hedge the plants should stand about two feet apart. One-half ounce, 25 cents . . . . . Pkt. 5

Flowers, in good taste, and a plenty, afford an incomparable wealth of joy and satisfaction.



A ROW OF SUMMER CYPRESS OR FIREBUSH ALONG A DRIVE



AFRICAN MARIGOLD—PRIDE OF THE GARDEN

## DOLICHOS or Hyacinth Bean

**Dolichos lablab.** This really beautiful climbing plant is of quick growth; the foliage is handsome, and the clustered spikes of flowers are borne in great profusion. The shining purple seed-pods are also very ornamental. Tender annual, growing six to eight feet. Seed should be sown where plants are desired, in as warm and dry a spot as possible . . . . . Pkt 5

**New Japan.** A new and beautiful variety, with large, pure white flowers, and waxy white seed-pods. Eight to ten feet . . . . . Pkt 10

## ICE PLANT

**Mesembryanthemum crystallinum.** A pretty, half-hardy annual, with delicate, succulent almost transparent branches and leaves. Of drooping habit, adapted to baskets, vase work and rockeries. Prized for its singular foliage, which looks as though covered with particles of ice . . . . . Pkt 5

## JAPANESE HOP

A splendid annual climber, rapidly covering arbors, walls, trellises, etc. The foliage resembles that of the common Hop, but is much more dense. Seed sown in the open ground in spring will produce large plants in a short time. Withstands heat, drought, and insects.

**Japanese Hop.** . . . . . Pkt 5

**Variegated Japanese Hop.** Leaves green and white variegated . Pkt 5

## LINUM or FLAX

**Scarlet Flax.** Brilliant crimson flowers, an inch or more across, and a continuous bloomer. Grows  $1\frac{1}{2}$  to 2 feet high . . . . . Pkt 5

**Perennial Varieties Mixed** . . . . . Pkt 5

## GYPSOPHILA or Baby's Breath

The delicate, mist-like sprays of the Gypsophila are invaluable for bouquets. They serve to lighten the effect of masses of other flowers, and are especially useful with Sweet Peas, and other flowers that cannot readily be cut with their own foliage.

**Elegans.** Beautiful, hardy annual. Blooms profusely. Flowers white, pink and rose mixed.  $\frac{1}{4}$  ounce, 15 cents . . . . . Pkt 5

## MIMULUS

The Mimulus, or Monkey Flowers (named from the resemblance of the corolla to a mask or face), are beautiful tender plants with almost transparent branches. Fine for baskets, vases, and house culture, and do well planted out where they will be somewhat shaded. Perennial, but bloom the first season.

**Hybridus tigrinus grandiflorus.** Flowers beautifully spotted . . . 10

**Moschatus.** Musk Plant . . . . . 5

**All sorts mixed** . . . . . 5

For sixty-nine years the name of Vick has stood for the best in quality that can be had in vegetable and flower seeds



# MIGNONETTE

**B**Y its sweet yet delicate odor the Mignonette has, for many years, endeared itself to every true lover of flowers. Fragrant as the violet, constantly in bloom, and easily grown, the modest Mignonette is found not only in the greenhouse of the millionaire, but in many a lowly garden and window box. Seed sown early in the garden will give flowers all through the summer and fall. The finest spikes of bloom are produced during cool, moist weather. For winter blooming, seed is usually sown in pots and brought on in succession, keeping the growing plants in a cool room. **Pkt.**

**Sweet, (Reseda odorata grandiflora.)** A well-known fragrant plant. **Oz., 25 cts. 5**  
**Grandiflora ameliorata.** A large variety, with reddish tinge to the flowers. **Oz., 30 cts. 5**  
**Giant Pyramidal.** A mammoth variety. **One-quarter oz., 20 cts; oz., 60 cts. . . 5**  
**Golden Queen.** A very fine and distinct variety, with flowers of a golden hue. **One-quarter ounce, 15 cents; ounce, 50 cents. . . . . 5**

**Machet Perfection.** Plant dwarf and vigorous of good habit, producing large spikes of very sweet-scented flowers. Fine for cutting. **One-quarter oz., 25 cts.; oz., 75 cts. 10**

**Allen's Defiance.** Spikes from twelve to fifteen inches long, deliciously fragrant. Spikes have been kept three weeks after cutting, retaining the fragrance till every bud opened. **One-quarter ounce, 25 cents; . . . . . 10**

**Goliath.** The plants are compact in habit, with rich, green foliage, and the immense trusses of highly-scented flowers are borne on erect, strong, stiff stalks. It is especially suited to house culture. **One-quarter ounce, 50 cents. . . . . 15**

**Large-Flowering Bismarck.** Very large, true pyramidal shape. Reddish-colored flowers, borne on strong stems, well above the dark green, slightly crumpled foliage. **One-quarter ounce, 50 cents. 10**

**White Pearl.** White; strongly scented. **One quarter ounce, 50 cents. . . . . 10**

**VICK'S SPECIAL COLLECTION.** Any three 10-cent packets for 25 cents.

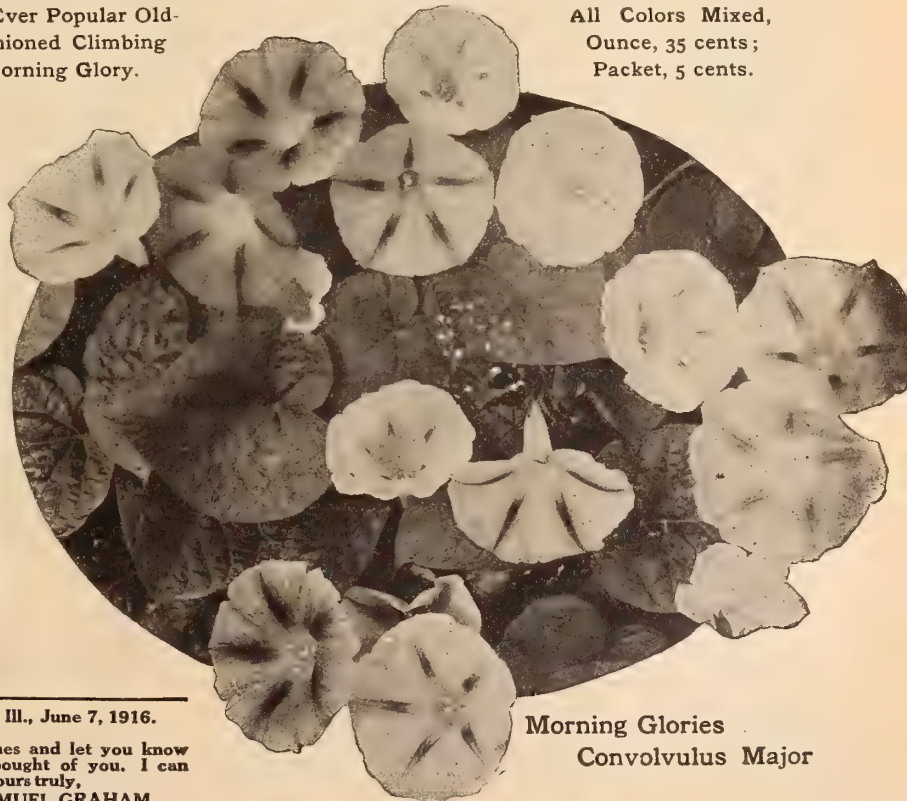
## MORNING GLORIES

**W**HO does not love the Morning Glory? It has long been a favorite for shading porches, covering screens and for similar places. It is one of the most free-flowering and rapidly growing plants in cultivation. The foliage is a dark green, and the freshness and delicacy of the flowers fully make up for their fugitive character. The prevailing colors are shades of blue, but there are other colors, ranging from white to dark red, and some of the flowers are striped. The seeds germinate so readily that they can be grown in the garden anywhere the plants are needed, and almost at any time.

### Convolvulus Major

All Colors Mixed,  
Ounce, 35 cents;  
Packet, 5 cents.

The Ever Popular Old-  
Fashioned Climbing  
Morning Glory.



Morning Glories  
Convolvulus Major

### Rochester Morning Glory

A distinct species with extra large beautiful flowers and strong growing vines. Flowers four to five inches across, deep violet-blue in the throat, blending out to an azure-blue, bordered with a wide white band around the edge. Very free flowering. **Pkt. 10 cents.**

**Imperial Japanese.** Our own Special Strain. The exquisite beauty of the Japanese Morning Glories, with their innumerable markings and shadings of brilliant colors, command the admiration of all flower lovers. The flowers are four to six inches across and the vines are strong and robust. The leaves are prettily lobed and some of them are beautifully mottled with creamy buff. **Oz., 40 cents; Pkt. 10 cents.**

**Brazilian.** *Ipomoea setosa.* Very leafy, strong growing species, with rose colored flowers three to four inches in diameter, and leaves eight to ten inches across. Large seed pods and hairy stems. Unusually ornamental and interesting. **Pkt. 10 cents.**

**Dwarf Morning Glories.** Flowers Remain Open All Day. The handsome azure blue flowers have a bright yellow throat distinctly bordered with white. Easily grown, and the neat foliage and brilliantly colored flowers make it one of the best trailing plants in cultivation. **Pkt. 10 cents.**

**VICK'S SPECIAL COLLECTION**

Any three 10-cent packets of your selection  
25 cents.

Aurora, Ill., June 7, 1916.

James Vick's Sons.  
Dear Sirs:—I wish to write you these few lines and let you know how well pleased I was with the Aster seed I bought of you. I can frankly say they grew 100 per cent. I remain, yours truly,  
R. F. D. No. 5.

SAMUEL GRAHAM.

We are, without doubt, the largest growers of Mignonette in America; miles and miles of deliciously fragrant rows





# NASTURTIUM

Everyone knows and admires the Nasturtium. Its varied and brilliant colors, its refreshing fragrance, making it so desirable for table decorations, its habit of continuous

blooming, and the ease with which it is grown, unite to place the Nasturtium in the list of flowers that are really indispensable.

## CLIMBING NASTURTIUMS

Named Varieties, packet, 5 cents; oz., 20 cents; ¼ lb., 50 cents.

<b>Atropurpureum.</b> Dark crimson.	<b>Scheuerianum.</b> Straw-color, brown striped.
<b>Atropurpureum fol. aureis.</b> Foliage yellow, flowers crimson.	<b>Scheuerianum coccineum.</b> Scarlet striped.
<b>Chocolate.</b>	<b>Scarlet.</b>
<b>Dark Orange.</b>	<b>Schulzii.</b> Brilliant scarlet.
<b>Edward Otto.</b> Bronze, silky.	<b>Schillingi.</b> Bright yellow spotted with maroon.
<b>King Theodore.</b> The darkest.	<b>Vesuvius.</b> Brilliant salmon-rose dark-leaved.
<b>Orange.</b> Very handsome.	<b>Von Moltke.</b> Bluish rose.
<b>Pearl.</b> Creamy white.	<b>Yellow.</b>
<b>Prince Henry.</b> Light yellow, marbled with scarlet.	
<b>Regelianum.</b> Dark purplish crimson	

**One Packet each of the eighteen varieties above postpaid for 70 cents.**

**Extra Choice Mixed.** From named sorts, ¼ pound, 50 cents; ounce, 20 cents, packet, 5 cents.

**Mixed Varieties.** . . . Pound, \$1.00; ¼ pound, 30 cents; ounce, 15 cents, packet, 5 cents.

## VARIEGATED-LEAVED NASTURTIUMS

A new race of Nasturtiums in which the foliage is beautifully variegated with white, green and golden. The strikingly marked leaves make a charming contrast with the brilliantly colored flowers. **Pkt.**

**Dwarf Variegated-Leaved.** Mixed Colors, ounce, 30 cents . . . 10  
**Climbing Variegated-Leaved.** Mixed Colors, ounce, 30 cents . . . 10

## IVY-LEAVED NASTURTIUMS

The beautiful foliage of this distinct, new class of Climbing Nasturtiums closely resembles that of the old English Ivy, the thick angular leaves having a very dark glossy green color. The petals of the flowers, which do not overlap as do those of the other classes, are prettily fringed. The brilliant colors of the flowers make a striking contrast with the dark leaves.

**Ivy-Leaved Nasturtiums, ounce, 30 cents.**

**Princess Juliana.** Rich golden orange; blotches of velvety red brown. 10  
**Emma Alida.** Golden yellow and orange; blotches of deep scarlet. . . 10

## HYBRIDS of MADAM GUNTHER

A strain of French origin, most remarkable for the wide range of exquisite colors and beautiful markings. They are strong growers, climbing five to seven feet, with rich dark foliage. Fine for porches, vases or trailing on the ground. **Ounce, 30 cents . . . . . Pkt 10**

We have had nearly seventy years' experience in growing seeds and plants and selling them direct to our customers.

## DWARF NASTURTIUMS

Named Varieties, ¼ lb., 50 cents; ounce, 20 cents; packet, 5 cents.

**Eighteen of the Varieties below, our selection, postpaid for 70 cents.**

<b>Aurora.</b> Salmon-rose, mottled and veined.	<b>King Theodore.</b> Flowers darkest of all.
<b>Beauty.</b> Orange and vermillion.	<b>King of Tom Thumbs.</b> Leaves bluish green, flowers brilliant scarlet
<b>Bronze.</b> Beautiful coppery bronze.	<b>Lady Bird.</b> Golden yellow, flamed crimson.
<b>Carter's Scarlet.</b>	<b>Luteum.</b> Yellow.
<b>Chameleon.</b> Mottled crimson, bronze and yellow.	<b>Pearl.</b> Light cream.
<b>Cloth of Gold.</b> Golden-leaved; flowers intense scarlet.	<b>Prince Henry.</b> Light yellow, marbled scarlet.
<b>Cœruleo-roseum.</b> Blueish rose.	<b>Regelianum.</b> Dark crimson, purplish tinge.
<b>Crystal Palace Gem.</b> Sulphur, maroon spots.	<b>Rose.</b> Rose, tinted with salmon.
<b>Dark Crimson.</b>	<b>Ruby King.</b> Foliage dark, flowers deep rose.
<b>Empress of India.</b> Dark leaves, and very dark crimson flowers.	<b>Scheuerianum coccineum.</b> Scarlet striped.
<b>Golden King.</b> Golden yellow flowers. Very fine.	<b>Spotted.</b> Yellow, crimson spots.
<b>Golden Queen.</b> A beautiful new golden-flowered, yellow-leaved variety.	<b>Spotted King.</b> Rich orange, maroon spots..

**Extra Choice Mixed.** From named sorts, ¼ pound, 50 cents; ounce, 20 cents, packet, 5 cents.

**Mixed Varieties.** . . . Pound, \$1.00; ¼ pound, 30 cents; ounce, 15 cents; packet, 5 cents

## CANARY BIRD FLOWER

**Tropæolum peregrinum.** The Canary Bird Flower is one of the finest of the climbing Nasturtiums. The leaves are prettily lobed and the curious, clear yellow flowers bear a fancied resemblance to a canary, with expanded wings. **Ounce, 30 cents . . . . . Pkt 10**

## NEOMOPHILA

**Baby-Eyes. Love-in-the-Grove.** A charming little annual plant, thriving especially well in moist, shady places, but quite at home in the open garden. The pretty, bell-shaped flowers, in shades of blue, and variously marked, are freely produced all summer. Plants eight inches in height; of neat, bushy habit. **Mixed Varieties, ¼ ounce, 15 cents. . . . . Pkt 5**

## NIGELLA

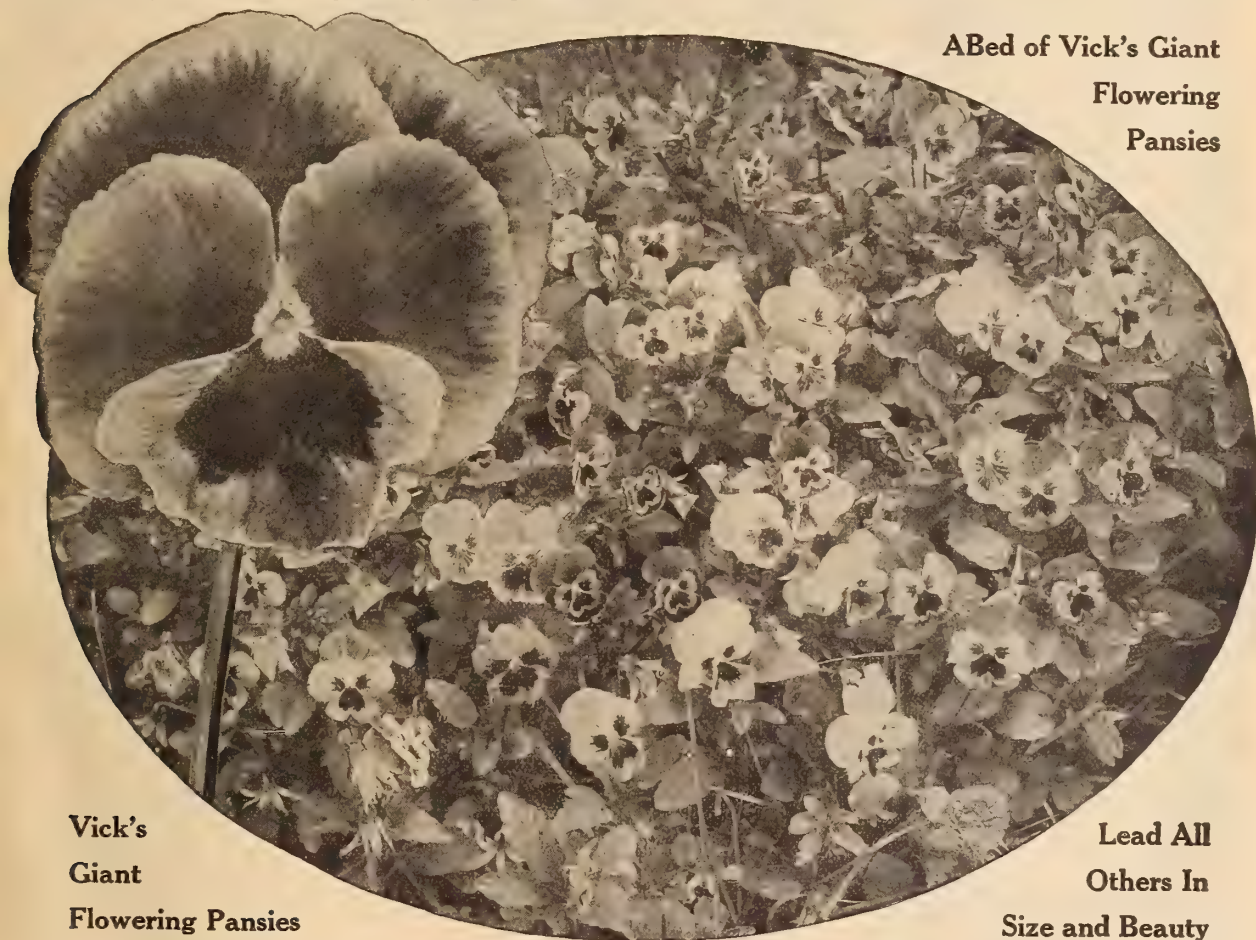
**Love-in-a-Mist, Devil-in-a-Bush and Fennel Flower** are names given to this pretty, interesting and easily grown annual. The foliage is very fine and feathery, and the showy flowers, mostly in shades of blue, are surrounded by a border resembling green lace. Interesting in the garden and fine for cutting. Twelve to fifteen inches. **Mixed Colors. . . . . Pkt 5**



# VICK'S GIANT FLOWERING PANSIES

**T**HE PANSY gives an abundance of bloom until after severe frosts, endures our hard winters with safety, and greets us in the early spring with a profusion of bright blossoms. Pansies are at their best during the cool, moist weather of spring and fall. Seed sown in the open ground in May or June will give fine blooms in late summer and autumn, and a good crop of flowers the following season if the plants are pinched back in early spring. Seed sown in mid-summer, where it can be shaded and watered, will produce plants large enough to winter nicely and come into full bloom in early spring. Young plants give the largest flowers. Old, worn out plants should be replaced by young, vigorous ones.

**ABed of Vick's Giant  
Flowering  
Pansies**



**Vick's  
Giant  
Flowering Pansies**

**Lead All  
Others In**

**Size and Beauty**

## Giant Superb Mixture

**Absolutely unapproachable in Quality**

We offer this mixture of Giant Flowering Pansies to our customers with pride. It is composed of most carefully selected varieties of the choicest Pansies of our own wonderful strain and the finest of the new kinds introduced by the leading European and American Pansy specialists. The flowers are uniformly of the largest size, colors striking in their brilliancy, and yet retaining all the delicate shades, hues and pencillings that have made the Pansy one of our most favored flowers. Our aim is to keep Vick's Superb Mixture at the very top of all mixtures and to make it absolutely unapproachable in quality.

One-eighth ounce, \$1.25; packet, 50 cents.

## Peerless Mixture

**Will please the most critical Grower of Pansies**

Comprises the choicest of the standard large-flowering sorts, including many of the rare and expensive varieties, such as Bugnot, Odier, Cassier and Trimardeau types. For size, perfect form, freedom and durability of bloom and gorgeous colorings, the Peerless Mixture will please the most critical grower of Pansies. For a charming display of show or exhibition Pansies you should try at least a packet of Vick's Peerless.

One-eighth ounce, 90 cents; packet, 25 cents.

## Masterpiece Mixture

**A special mixture of the Giant Frilled Pansies**

A mixture of a remarkable type of Giant Flowering Pansies, the petals being beautifully waved or frilled. These extremely beautiful flowers come in a wide variety of colors, ranging from white to the deepest maroon or black, creamy yellow to orange, dainty rose to brilliant crimson. You will be delighted from day to day with the changing colors in your bed of Pansies. Vick's Masterpiece Mixture is a combination of the finest of the named varieties of the Frilled or Five-Spotted Pansies.

One-eighth ounce, \$1.00; packet, 30 cents.

Hastings, Ia., June 28, 1916.

Gentlemen:  
Your Superb Pansies, in a bed 4 x 24 feet, fully justify your recommendation and price. Far and away from all others I have ever known, they are indeed superb, and the delight of our neighbors to whom we give them in large bouquets.

Very truly,

W. H. SHIPMAN.

We maintain a very wide reputation for growing and selling a superior strain of Giant Flowering Pansy seed



# Vick's Famous Pansies

## GIANT-FLOWERING VARIETIES

This vigorous and compact growing class of Pansies leads all others in size, color and beauty of flower. These Pansies are of enormous dimensions, some specimens grown on our grounds measuring three inches in diameter. The flowers are thrown well above the foliage and are beautifully marked with brilliant colors. We offer the following separate colors:

	Pkt.		Pkt.
Adonis. Beautiful light blue. . . . .	10	Prince Henry. An extra fine variety. The largest dark purple. . . . .	15
Bridesmaid. New. Rosy white ground, beautifully blotched. . . . .	15	Prince Bismarck. Beautiful shades of golden bronze. The largest and finest of the bronze Pansies. . . . .	10
Emperor William. Ultramarine-blue, with violet purple eyes. . . . .	10	Ruby King. Superb red shades. . . . .	10
Fire King. Golden yellow, upper petals purple. Showy. . . . .	15	Snowflake. Extra fine pure white. . . . .	15
Golden Queen. Large. Best of the pure yellows. . . . .	10	White. With yellow eye. . . . .	10
King of the Blacks. Almost jet black. Extra fine large-flowering strain. . . . .	10	Yellow, with Black Eye. Extra large. A splendid bedding variety. Produces larger flowers than the clear yellow varieties. . . . .	10
Lord Beaconsfield. Top pale lavender; shading to purple violet on lower petals. . . . .	10	Any of the above - named Varieties, 1-16 ounce, 40 cents.	
Madam Perret. Petals frilled. Dark wine, pink, and red shades beautifully veined, all with white margin. . . . .	15	<b>Giant-Flowering Mixed.</b> 1-8 oz., 60 cents . . . . .	10
		Standard Varieties Mixed, 1/8 oz., 25 cts. . . . .	5

## ORCHID FLOWERED VARIETIES

In the new Orchid-Flowered Pansies we have some rare and exquisitely dainty shades. The description of the four varieties below merely gives the prevailing colors. The new and unusual combinations of color tones suggest the delicate tropical colors of the aristocratic Orchid, which may truly be said to "beggar description." The flowers are gigantic in size, of perfect shape and borne on long stems. The petals are beautifully ruffled and their velvety texture intensifies the rich effect of the dainty shades of color.

Almond-flower. Color a delicate soft pink. A pleasing color in Pansies.	A	Mammoth. Dark yellow shades, with large red eye. A beautiful variety.	
Daybreak. Vermillion and gold chamois, red shaded. A new color in red and gold.		Sunlight. Brilliant yellow, with large red-brown spots. It's a beauty, try it.	

Each, 20 cents per packet.

Orchid Flowered. Mixed Colors. 1-16 ounce, 50 cents; Packet 15 cents.

Knows  
Vick's  
Pansies  
Are  
Wonderful

Cedar Rapids, Ia., June 27, 1916.

My bed of Masterpiece Pansies is really wonderful; just a mass of great, long-stemmed Pansies all the time; and my Aquilegia and Canterbury Bells have created quite a sensation here.

I am always glad to recommend your seed, and hope I have been the means of adding to your list of customers.

Yours very truly,

MYRTLE FAWCETT.

Full directions for the planting and care of the different vegetables and flowers are given on each seed packet

## PANSY VIOLET, Tufted Pansy EVERLASTING PANSY

May remain in bed year after year

BLOOMS ALL SEASON

The Pansy Violet, or Tufted Pansy, is a charming flower for the hardy border, combining the beauty, fragrance and free blooming habit of the Pansy with the hardy perennial character of the Viola cornuta, or "Horned Violet" of Europe. The plants do not "run out" like those of the ordinary Pansy, and may be left year after year in the same bed. The flowers, which are really medium sized Pansies, are produced in the greatest profusion the whole season, the plants enduring the heat of mid-summer much better than those of the true Pansy. 1/8 oz., 35 cts. Pkt. 10



# Vick's Petunias

**N**O bedding plants make a more pleasing display than Petunias. The distinct colors and marking make a brilliant show. The plants make a strong growth and bloom profusely until after hard frosts.

Petunia seed will germinate with little difficulty if a reasonable amount of care is used in sowing. First, be sure that the soil is well pulverized; then sow the seeds on the surface, pressing them into the soil by using a small, smooth board and cover very lightly with sand or fine soil. Seed sown in a hotbed or the house early in the spring will produce flowering plants in June. Set the plants about eighteen inches apart. Seeds of Double Petunias do not possess as much vitality as those of the Single, neither will all come double.

## Vick's Ruffled Petunias

This is the most expensive crop we grow. One entire greenhouse used, in which each plant, potted separately, is carefully tended, and the pollen spread from plant to plant with a camel's hair brush in the hands of an expert. A good crop sometimes costs us as little as \$800.00 per pound. Some years the crop costs more. We go to all this expense to keep up the quality of this superbly ruffled and beautifully marked strain, acknowledged by every expert who has seen it as absolutely unsurpassed anywhere. After studying for weeks the brilliant coloring and delicate threads or veins in every conceivable hue, the artist whose work you see on the inside back cover says: "No human being can ever depict accurately in colors the exquisite beauty and intricate detail of your Ruffled Petunia. Its gorgeousness baffles description."

**Vick's Ruffled Petunias, mixed colors, packet, 25 cents.**

**Giants of California.** This strain, originating in California, is of incomparable size, luxuriance, and beauty. Nearly all the flowers are ruffled or fringed, and measure from four to five inches across. The great variety of colors, blotchings, stripings and veinings make fantastic and beautiful combinations,—some with deep throats of yellow, white, black, green, or maroon, running off into intricate veins. Some of the colors run to delicate shades, while others are deep, rich and gorgeous. . . . . 20

**Large Flowering Single (Superbissima).** Magnificent large flowers of various colors. The large throats richly veined. . . . . 25

**Mixed, from show flowers. . . . . 25**

**Double Large Flowered, Fringed.** Extra choice varieties mixed. . . . . 30

**Double Dwarf Bedding Petunias.** The dwarf compact plants are profuse bloomers. Fine for bedding. **Mixed Colors. . . . . 25**

## Single-Flowered Bedding Petunias

Bedding varieties are unsurpassed for massing. They will make a most showy bed, giving a profusion of flowers from early summer until after severe frosts.

	Pkt.
Blotched and Striped, very symmetrically marked . . . . .	10
Countess of Ellsmere. Dark rose, with fine white throat . . . . .	10
General Dodds. Beautiful dark red. . . . .	10
Single Flowered Bedding. Extra Choice Mixed. Superb strain. . . . .	10
Single Flowered Bedding. Fine Mixed . . . . .	5

**Petunias in their natural colors are shown on the inside of the back cover.**

## VICK'S SINGLE FLOWERED BEDDING PETUNIAS





## VICK'S ANNUAL PHLOX

**PHLOX DRUMMONDI** is one of the most brilliant of all annual flowers. We grow several acres of Annual Phlox on our Seed Farms, and visitors are invariably charmed by the dazzling sheet of color presented by a field of Phlox in bloom. Phlox continues to bloom long after most flowering plants are gone, making it a splendid bedding plant. It is a native of Texas and is known as "Texan Pride." It thrives best in open, sunny places. It does better if not crowded, the plants continuing to grow and bloom all summer. Easily grown and always in bloom, it is unexcelled for filling in vacant places in the garden, the shrubbery or the hardy border. It may be sowed as early in the spring as the ground can be worked; or it may be started earlier in hotbeds or cold frames and later on transplanted.

### Phlox Drummondii Grandiflora

The flowers of this section have round petals and larger flowers than the old sorts. These varieties we have found to come quite true from seed.

- |   |   |
|---|---|
| <b>White.</b> Soft pure white.  | <b>Splendens, White Center.</b> The large red center gives a striking effect. |
| <b>Chamois Rose.</b> Beautiful salmon pink.                             | <b>Light Yellow.</b> Pale primrose yellow.                                    |
| <b>Brilliant.</b> Deep pink, shading lighter at the edge of the petals. | <b>Scarlet.</b> A brilliant velvety color.                                    |
| <b>Light Rose.</b> A soft, pretty shade.                                | <b>Dark Red.</b> A deep velvety blood red; rich.                              |
| <b>Carminé, White Center.</b> A brilliant shade of rose.                | <b>Dark Red, White Center.</b> Rich and striking.                             |
| <b>Splendens.</b> A soft shade of scarlet, between scarlet and carmine  |   |

Price, per packet, 10 cents; any seven for 50 cents.

Vick's Choice Mixture of Grandiflora Phlox.	Ounce, \$1.25;	Pkt.
one-quarter ounce, 35 cents . . . . .		10
Vick's Fine Mixed. . . . .		5

### RICINUS. Castor Oil Plant

#### A Showy Ornamental Foliage Plant for Bedding

In the center of a bed it gives a magnificent semi-tropical appearance; or planted thick, it makes a fine screen or hedge. Plant seeds in open, very rich deep-spaded ground, in a dry situation, as soon as safe in spring. The common Castor Oil Bean is cultivated for the oil, and yields about twenty bushels per acre. Grows five to ten feet high.

- |  |   |
|--|---|
| <b>Borboniensis.</b> Very beautiful large green leaves. One of the tallest   |   |
| Ounce, 30 cents . . . . .  | 5 |
| <b>Cambodgensis.</b> The finest dark-foliaged Ricinus. Leaves maroon; stem nearly black; fruit bronzy purple. Five feet. Ounce, 30 cents .   | 5 |
| <b>Zanzibarensis.</b> The gigantic leaves, two to two and one-half feet across, and the great size of the plant, surpass any other known Ricinus. The luxuriant tropical appearance when planted singly or in masses is matchless. Ounce, 35 cents . . . . . | 5 |
| Vick's Fine Mixture of above varieties. Ounce, 25 cents . . . Pkt  | 5 |

### The Oldest Mail-Order Seedhouse in America

For bedding and massing nothing can surpass Annual Phlox. Their brilliantly hued flowers make them very popular.

### Vick's Dwarf Phlox

The dwarf annual Phloxes are very desirable for edgings and ribbon beds and useful for pot culture. They grow six to eight inches in height, forming dense masses of bloom all summer. Of the many varieties the following are the best. **Fireball.** Bright scarlet . Pkt. 10 **Best Varieties Mixed . . Pkt. 10** **Snowball.** Pure white . . . . . 10

### Vick's Star Phlox

A decidedly unique variety. While the petals of all other Phloxes are entire, in this variety they are partly fringed and partly toothed; the central teeth of the petals are five or six times as long as the lateral ones, projecting like little spines, giving the flowers a regular star-like form. The beauty of the flower is enhanced by a white margin which borders the edges of the petals. There are many distinct colors. **Best Varieties Mixed . . Pkt. 10**

### PERILLA

**Nankinensis.** An elegant dark leaved bedding plant, easily grown from seed and not so sensitive to cold as the Coleus. The foliage is a very dark rich, bronzy purple. Plants grow about eighteen inches in height. . Pkt. 10

### SCIZANTHUS

The Schizanthus is a beautiful half-hardy annual, of very graceful habit. The flowers are butterfly-shaped, of rich and varied colors, and completely cover the plant. About two feet high. **Best Varieties Mixed . . . . . Pkt. 10** **Schizanthus Wisetonensis.** As a pot plant this has hardly a superior. It is literally covered with small orchid-like flowers and remains in bloom from four to six weeks . . . . . 10

### SENSITIVE PLANT

**Mimosa pudica.** The Sensitive Plant affords a good deal of amusement on account of its sensitive leaves, which close up when touched. Sow outside after settled warm weather, or sow inside and transplant. . . . . Pkt. 10

Galesburg, Ind., March 11, 1916.

James Vick's Sons.

Gentlemen—One of your very best advertisements is the fact that you fill the small orders as carefully as the large ones; for which thank you. Please send the seeds as soon as possible—the plants no before the first of May.

Yours truly,

Mrs. MARSHALL GROVER.



# VICK'S ANNUAL POPPIES

Ounce, 40 cents; one-quarter ounce, 15 cents, except where noted

## Vick's Double Flowering Varieties

- Vick's Brilliant.** Tall double Poppies. A superior selection made up of the best colors and varieties. Selected with great care to produce the most brilliant effect. Grown on our own farm. Of strong, robust growth, two to three feet high. A fine mixture of colors. Oz., 40 cts. . . . . Pkt 5
- Mikado.** Large double flowers; resembling Japanese Chrysanthemums; petals cut and fringed in the most fantastic manner; color pure white, edged with shades of crimson. Oz., 40 cts. . . . . Pkt 5
- Peony-flowered.** A splendid class of large double flowers, with broad petals, resembling a Peony. The colors range from white to pink, carmine, scarlet, crimson, and maroon. A fine mixture of colors. Oz., 40 cts., Pkt 5
- Carnation-flowered, or Double Fringed.** Splendid large double flowers, Mixed Colors. A fine mixture of colors. Oz., 40 cts. . . . . Pkt 5
- American Flag.** Flowers snow white, bordered with scarlet. Large, double Peony-flowered. Oz., 40 cts. . . . . Pkt 5
- Cardinal Poppy.** (New hybrids). About eighteen inches high; habit erect and compact. Foliage dark green, deeply laciniated. The double flowers, which are beautifully fringed, come in about the same range of colors as the Shirley. A fine mixture of colors. Oz., 40 cts. . . . . Pkt 5
- Ranunculus-flowered.** Plants two feet high; free bloomers. Flowers double, two inches across. All shades of color, from white to deep crimson. A fine mixture of colors. Pkt 5
- White Swan.** Large double flowers, elegantly fringed, pure white. Oz., 40 cts. . . Pkt 5

## Vick's Single Flowering Varieties

- Danish Flag.** The large, single flowers are brilliant scarlet, with a large, silvery white blotch at the base of each petal, forming a white cross on scarlet ground. Very striking. 5
- SHIRLEY.** Flowers exceedingly graceful and elegant; single. Colors mainly blush white, and delicate shades of pink, but containing shades of rose, carmine, scarlet and crimson. The finest of all annual single Poppies. Extra selected strain. Oz., 50 cts. . . . . Pkt 10
- Scarlet single.** The single Scarlet Corn or Field Poppy of Europe. Very gorgeous. . . . . 5
- Umbrosum.** Of dwarf habit; branching. Flowers bright vermillion, with a shining black spot on each petal. Very showy. . . . . Pkt 5
- Miss Sherwood.** Very large single flowers of an exquisite shade of light pink. Oz., 40 cts. . . . . Pkt 5

**Tulip Poppy.** An elegant and distinct variety. Plants from 12 to 14 inches high producing well above the foliage fifty to sixty large splendid flowers of the most vivid scarlet imaginable. From a mere description no adequate idea can be gained of its strikingly beautiful effect. The plant commences blooming early in June, and flowers abundantly for a period of from six to eight weeks.  $\frac{1}{4}$  oz., 30 cts. . . . . Pkt 10

**SHIRLEY POPPIES**—The finest of all annual single poppies. Graceful and elegant. One and one-half to two feet high. Delicate shades of pink, rose, carmine, scarlet and crimson.

## VICK'S PORTULACA

For brilliant coloring, nothing can excel a bed of Portulaca, with its silky flowers glistening in the sunlight. It is very easily grown and no bedding plant equals the Portulaca for places exposed to the hot sun of mid-summer. It delights in intense heat, and dry weather seems to have almost no effect on the plants. The plants are of low growth and spreading in habit, each plant covering a space of about two feet in diameter. The flowers of the double varieties are like small roses and make a particularly brilliant show. Sow seed in the open ground as soon as the weather is warm, or in a hotbed earlier. The plants can be transplanted when in full flower.

Single varieties, fine mixed.  $\frac{1}{4}$  oz., 15 cents; oz., 50 cents. . . . . Pkt 5

Double Rose-Flowered. As double as the Rose and of many brilliant colors. Finest quality, mixed, colors. . . . . Pkt 10

## HELIANTHUS or SUNFLOWER

Tall plants, from four to five feet in height, with bright yellow flowers. The double varieties produce a very good effect among shrubbery. Often used as screens. The seeds of the single varieties are valuable for feeding poultry.

**Red Sunflower.** Blooms the first year from seed. Flowers chestnut red, many of them variously marked with gold. A splendid addition to the annuals. As easily grown as any. . . . . Pkt 10

**Chrysanthemum Flowered.** Best of the Sunflowers, about seven feet high. The large double flowers are like yellow Chrysanthemums. Oz., 40 cts. . . . . Pkt 10

**Dwarf Golden.** Variegated foliage, five to six feet high. . . . . Pkt 10

**Extra Double Dwarf.** About four feet high. Each branch, from the ground to the top of main stem, bears a golden flower. . . . . Pkt 10

**Mammoth Russian.** For prices see page 35 (Farm Seeds)

Our fields of Poppies, several acres in each, make a very showy sight all summer long and attract much attention



VICK'S DOUBLE PORTULACA



## SALPIGLOSSIS—VELVET TRUMPET

One of the very best Annuals we have. It should be in the garden of every home. The rich velvety flowers attracted as much attention at our farm last summer as any other variety. It is simply beautiful. Once tried it will have a permanent place in your flower garden.

Our illustration shows the form and veinings of this beautiful flower, but only nature can paint its colors. Its velvety texture and brilliancy of coloring defy description. Nothing in our trial grounds is more admired than our Velvet Trumpet with its rich colors glowing in the sunlight. It is fine for cutting, lasting well in water. The plants bloom continuously from midsummer until late fall. Sow the seeds where the plants are to remain, cover with fine soil and press firmly into the ground. Grows two to three feet high.

**Grandiflora. Mixed Colors. Packet, 5 cents.**

**New Emperor.** This variety shows a very marked and striking distinctiveness in habit of growth as well as in flowers. It forms only one main thick stem about thirty inches high, which is thickly covered with flowers considerably larger than those of the old type, and presents a compact bouquet effect, in the various rich velvety colors usual to the species—purple, crimson, scarlet, rose, blue, gray and brown, all shades and colors, veined with gold.

**Mixed Colors.**

**Packet, 10 cents.**



SALPIGLOSSIS

**SALPIGLOSSIS OR VELVET TRUMPET**  
BEAUTIFUL BEYOND DESCRIPTION. BY ALL  
MEANS PLANT AT LEAST A FEW FEET OF YOUR  
GARDEN TO THIS MOST BEAUTIFUL FLOWER.

See the picture of Salpiglossis in its natural colors on the inside of the back cover.

## SALVIA—Flowering Sage

The Scarlet Salvias are among the most brilliant red-flowering bedding plants in cultivation. They bloom from the middle of July to frost. Sow seed early indoors or in a frame in time to get good plants to set out of doors the latter part of May, or when the weather is suitable. Set plants one foot apart.

**Clara Bedman. Bonfire.** A very compact, oval-growing variety, bearing an immense quantity of brilliant scarlet flowers on stiff, erect stems that stand out of and above the foliage. One of the most popular and best Salvias. . . . . Pkt 10

**Zurich.** A dwarf scarlet, growing from 12 to 15 inches high. Begins blooming in June continuing through the season. . . . . Pkt 10

**Splendens.** Bears during summer and fall brilliant fiery scarlet flowers in great profusion. This is the old favorite bedding variety used so extensively. Plants three feet high. . . . . Pkt 10

**Patens.** Blue Sage. Flowers of a delightful blue . . . . . Pkt 10

**Hardy Blue Salvia.** *Salvia pratensis.* Flowers of beautiful deep clear blue, borne on spikes two to three feet high. Blooms from June to September . . . . . Pkt 10



SALVIA  
CLARA  
BEDMAN

## PRIMULA or PRIMROSE

Primroses are considered among the best and most showy of plants for winter blooming in the house. Seed sown in March, April or May will make fine specimen plants, beginning to bloom in the fall and continuing throughout the winter. . . . . Pkt.

**Primula Forbesii.** Baby Primrose. Fine for the house, needing little care . . . . . 20

**Primula obconica grandiflora.** Splendid house plant. Profuse bloomer. Mixed Varieties . . . . . 15

**Primula Siensis.** Chinese Primrose. Tender. Everblooming. Choicest fringed varieties, Mixed . . . . . 25

## OSTRICH PLUME SALVIA

### A Fine New Variety

The flower resembles a large ostrich plume, color a brilliant scarlet. The plants are covered with these beautiful, plume-like flowers. A single flower spike is a bouquet in itself. Packet, 15 cents.

Two new Salvias this year, plants only, Elizabeth Dunbar, white, and Vick's Scarlet Beauty, brilliant scarlet. See page 3

Our Fruit and Ornamental Tree Book lists all varieties of Trees, Berry Plants and Vines. If you did not get your copy, ask for it now.



# Vick's Ruffled Giant Spencer Sweet Peas

A List of the Very Finest of  
the New Orchid Flowering Kinds

**S**WEET PEAS well deserve the place they have earned in the hearts of all lovers of flowers. They are quickly and easily grown from seed, will thrive in any garden, and bear all summer an abundance of beautiful, fragrant flowers of a great many wonderful shades and tints. The magnificent new **Spencer Sweet Peas** are rapidly displacing the older kinds. The plants make a vigorous growth and the flowers are extraordinarily large, being, when well grown, from two to two and one-half inches in diameter. In addition, the petals are beautifully waved or fluted, and in some of the newer **Spencers** the fluting is very pronounced. Practically the whole range of grandiflora varieties has now been duplicated in the **Spencer** type; but after careful trials we have selected the following list as embracing the **Cream of The Spencer Sweet Peas**.

Planting directions on page 75.

**America Spencer.** Ivory white, striped with brilliant crimson-red. The brightest of the striped Sweet Peas. True Spencer form. Packet, 10 cents;  $\frac{1}{2}$  oz., 20 cents; oz., 35 cents.

**Asta Ohn.** Light lavender tinted with mauve pink. A charming soft lavender. Large and beautifully waved. Packet, 10 cents;  $\frac{1}{2}$  oz., 20 cents; oz., 35 cents.

**Captain of the Blues Spencer.** Large, clear purplish blue. A deep rich color. Full Spencer size. Packet, 10 cents;  $\frac{1}{2}$  oz., 20 cents; oz., 35 cents.

**Clara Curtis.** Cream color. A superior strain of Primrose Spencer. Flowers beautifully waxed, of good substance, and usually four on a stem. Packet, 10 cents;  $\frac{1}{2}$  oz., 20 cents; oz., 35 cents.

**Countess Spencer.** Clear, soft, rich pink, a little deeper at the edges. Vines strong and free flowering. As a cut flower it is unsurpassed for massing. Packet, 10 cents;  $\frac{1}{2}$  oz., 20 cents; oz., 35 cents.

**Dainty Spencer.** An extremely delicate shade of light pink, deepening slightly at the edges of the petals. Packet, 10 cents;  $\frac{1}{2}$  oz., 20 cents; oz., 35 cents.

**Dobbie's Cream.** Flowers a deep cream or primrose, distinctly waved or crimped. One of the best of the primrose class. Packet, 15 cents;  $\frac{1}{2}$  oz., 35 cents; oz., 60 cents.

**Elfrida Pearson.** Huge flowers of a dainty light pink, an extremely delicate shade. The buds and the opening flowers show a slight salmon tint. One of the most vigorous and free blooming varieties. The immense flowers are almost invariably borne four on a stem, and many of them have double standards. Packet, 10 cents;  $\frac{1}{2}$  oz., 20 cents; oz., 35 cents.

**Evelyn Hemus.** The beautiful flowers of buff and primrose are margined with clear rose. A charming color combination. Packet, 10 cents;  $\frac{1}{2}$  oz., 20 cents; oz., 35 cents.

**Florence Morse Spencer.** Splendid light pink, a clear, beautiful shade. Immense flowers, with many double standards. Packet, 10 cents;  $\frac{1}{2}$  oz., 20 cents; oz., 35 cents.

**George Herbert.** Large flowers of rose-crimson. A rich color. The wings veined with deeper color. Packet, 10 cents;  $\frac{1}{2}$  oz., 20 cents; oz., 35 cents.

**Hercules.** Plants are very strong and vigorous. The flowers borne on stiff stems twelve to fourteen inches long are of beautiful soft rose pink, large and finely ruffled. One of the very best pinks. Packet, 15 cents;  $\frac{1}{2}$  oz., 35 cents; oz., 60 cents.

**Mrs. Hugh Dickson.** Soft apricot pink on a buff ground. The magnificent large flowers come quite uniformly four on a stem and are produced in the greatest profusion. An extremely valuable variety. Packet, 10 cents;  $\frac{1}{2}$  oz., 20 cents; oz., 35 cents.

**Rosabelle.** This is undoubtedly the largest and most beautiful of the 'deep selfs, and should be included in all best collections. It is a vigorous grower and most profuse bloomer, the immense flowers being usually borne four on a stem. The attractive rose-crimson color is heightened by a distinct white blotch at the base of the standard and wings. The flowers are very much waved or crimped, and while of such large size, the form is perfect. Packet, 15 cents;  $\frac{1}{2}$  oz., 35 cents; oz., 60 cents.

## Vick's Superior Mixture of Spencer Sweet Peas

This mixture is made in our own seedhouse and contains the best of Spencer Sweet Peas. We know just what goes into the mixture and we are sure you will be pleased with the assortment at blooming time.

Packet, 10 cents; ounce, 25 cents; quarter pound, 75 cents;  
half pound, \$1.35; pound, \$2.50.

**SPENCER  
SWEET PEAS  
ELFRIDA PEARSON**  
Flowers natural size. Dainty  
Light Pink. Vigorous and very  
free blooming.

**King Edward Spencer.** A splendid variety. The flowers are full Spencer size, and the bold coloring of rich crimson-scarlet makes them appear truly gigantic. Packet, 10 cents;  $\frac{1}{2}$  oz., 20 cents; oz., 35 cents.

**Margaret Atlee.** The lovely flowers, uniformly of the most advanced Spencer type, are a rich glowing pink on cream ground, softly suffused with salmon in the standard, while the wings are a pleasing shade of pinkish rose and salmon. There is a distinct blotch of buff-primrose at the base of both standard and wings which is particularly effective, giving a light, bright appearance to the entire flower. The flowers are of extraordinary size, often measuring two and one-half inches across the standard, exquisitely waved, and freely produced in "fours" on long, stout stems. Awarded Certificate of Merit by American Sweet Pea Society, 1911; Silver Medal by National Sweet Pea Society of Great Britain, 1914. Packet, 15 cents;  $\frac{1}{2}$  oz., 35 cents; oz., 60 cents.

**Margaret Madison.** Clear, light azure blue. A refined color, free from mauve or pink shades. Both standard and wings beautifully ruffled. A gem that is bound to become immensely popular. Packet, 10 cents;  $\frac{1}{2}$  oz., 20 cents; oz., 35 cents.

**Mrs. Cuthbertson.** Standard clear rose pink, wings white, faintly flushed with pink. The best of the bright pink and white Spencers. Packet, 10 cents;  $\frac{1}{2}$  oz., 20 cents; oz., 35 cents.

**Nubian.** Beautiful, rich, deep chocolate, or maroon. Vigorous vines and flowers of great size. Packet, 10 cents;  $\frac{1}{2}$  oz., 20 cents; oz., 35 cents.

No other class of flowers has shown more wonderful development in the past few years than Giant Spencer Sweet Peas



## Vick's Ruffled Giant Sweet Peas

**Royal Purple.** The color is as the name describes it—*a Rich Royal Purple*. The vines are exceptionally vigorous and long, stout stems carrying four large blossoms is the rule. The color is held throughout the life of the flower, and at no time does an objectional blue purple color show up.

**Packet 15 cents; ½ oz., 40 cents; oz., 70 cents.**

**Thos. Stevenson.** Brilliant orange-scarlet. Best of all the shades of orange in the Spencer type.

**Packet, 10 cents; ¼ oz., 20 cents; oz., 35 cents.**

**Vermillion Brilliant.** A brilliant scarlet Spencer of splendid form. The standard is very bold and beautifully waved. On account of its brightness this is a very telling color and should be in every collection. **Packet, 10 cents; ½ oz., 20 cents; oz., 35 cents.**

**Wedgwood.** A lovely light blue, in fact the best of the blue Spencers. The flowers, of good size and substance, are well waved in both standard and wings; they are borne almost uniformly in four-flowered sprays upon long, stout stems. Wedgwood is a color long sought for in Sweet Peas and has been eagerly welcomed by lovers of this beautiful annual. It was awarded a Certificate of Merit by the Pennsylvania Horticultural Society at the Philadelphia Sweet Pea Show, 1913. **Packet, 15 cents; ½ oz., 35 cents; oz., 60 cts.**

**White Spencer.** Pure white. Fine Spencer form, full size. Beautifully waved. **Packet, 10 cents; ½ oz., 20 cents; oz., 35 cents.**

**Yarrowa.** A Sweet Pea novelty of sterling merit, coming from Australia. The flowers are waved, of large size, many of them being double. Color a soft, bright rose pink with a clear creamy base. One of the best for forcing under glass, and when grown out of doors blooms two weeks earlier than the Summer Spencers. **Packet, 15 cts.; ½ oz., 50 cts.; oz., \$1.00.**

**"The President."** One of the newest of the Spencers. A wonderfully brilliant, glowing scarlet, waved Sweet Pea of the largest size, carried on strong, stiff stems, usually in fours. It is way ahead of anything of a similar color, and probably will never be surpassed in the orange-scarlet section. Awarded Certificate of Merit by Pennsylvania Horticultural Society and by American Sweet Pea Society. **Packet of 15 seeds, 15 cents; Packet of 30 seeds, 25 cents.**

## Vick's Spencer Sweet Pea COLLECTIONS

### "New Spencer" Collection

Six of the Very Finest Spencers for 75 cents.

Margaret Atlee  
Rosabelle  
Dobbie's Cream  
Royal Purple  
Wedgwood  
Yarrowa

### "Selected Spencer" Collection

Six Beautiful Spencer Varieties for 50 cents.

American Spencer  
Capt. of the Blues Spencer  
Elfrida Pearson  
Margaret Madison  
Vermillion Brilliant  
White Spencer



WEDGWOOD



Orchid-like flowers  
of brilliant colors

### "FIERY CROSS"

(NATURAL SIZE)

Scorching, glistening  
live fire, intense red.

**Fiery Cross** "Fiery Cross" has all the appearance of live fire, the color being a scorching fire-red, or scarlet, without any shading and which scintillates and glitters in bright sunlight, thus adding a glowing, fire-like sheen which radiates over the flower. Unlike most of the orange scarlet varieties, it does not scorch or burn even during extended periods of intense sunshine, therefore it can be grown in all soils with out shading. The beautifully waved and fluted flowers are borne freely in threes and fours well placed on long, stout stems. **Packet of 15 seeds, 15 cents; packet of 30 seeds, 25 cents.**

## Vick's Superior Mixture of Spencer Sweet Peas

This mixture is made in our own seedhouse and contains the best Spencer Sweet Peas. We know just what goes into the mixture, and we are sure you will be pleased with the assortment at blooming time.

**Packet, 10 cents; ounce, 25 cents; quarter pound, 75 cents; half pound, \$1.35; pound, \$2.50.**

Plant Vick's Giant Ruffled Spencers and you will know the supreme joy and satisfaction in growing Sweet Peas



# VICK'S GRANDIFLORA SWEET PEAS

ANY ordinary garden soil is well adapted for growing these beautiful and popular climbing plants. Wood ashes or air-slacked lime are excellent fertilizers for Sweet Peas, and should always be used when a large amount of manure is applied. Sow as early in the spring as the ground can be worked. *Do not wait for fair weather.* Sow the seeds in a trench four inches deep and cover with about an inch of soil. After the plants are well up, thin them to about six inches apart and gradually fill the trench to the level of the garden. When hoeing draw the soil towards the plants, but do not form a ridge. One quarter pound of seed will sow fifty feet. Furnish support early. The one important point is to keep the surface of the soil fine and mellow from the time it is worked up in the spring.

**Named varieties in separate colors. Any variety on this page**

**Per packet, 5 cents; ounce, 15 cents;  $\frac{1}{4}$  lb., 40 cents;**

**$\frac{1}{2}$  lb., 80 cents; lb., \$1.50.**

**America.** Crimson scarlet stripes on white ground. The brightest striped variety. Large, open form.

**Aurora.** Orange rose stripes on white ground. The most attractive striped variety. Large, hooded form.

**Bolton's Pink.** Salmon pink, veined with rose. Large handsome flowers. Semi-hooded form.

**Dorothy Eckford.** White. Very large, semi-hooded form. A grand flower.

**Madams Unwin.** Bright, clear pink, a little deeper at the edges. Countess Spencer form, but a little smaller, lighter color and flowers more freely.

**Mon. Mrs. E. Kenyon.** Light primrose. Very large semi-hooded form.

**King Edward VII.** The largest and brightest red yet introduced. Crimson scarlet. Open form.

**Lady Grisel Hamilton.** The largest and lightest shade of lavender. Standard light mauve. Hooded form.

**Lovely.** Light pink, shading deeper toward the center of the flower. Vigorous and free bloomer. Hooded form.

**Miss Willmott.** Standard orange pink. Wings rose, tinted with orange. The best orange pink. The large semi-hooded flowers are borne on long stems.

**Lord Nelson.** The best dark blue. Distinct and a vigorous grower.

**Mrs. Geo. Higginson, Jr.** The clearest delicate lavender, free from mauve tint. Semi-hooded form.

**Nora Unwin.** White. A splendid flower. Extra large and open, wavy form.

**Orchello.** Dark maroon self. Large, hooded form.

**Prima Donna.** The favorite soft, clear, pink self. Good size. Hooded form. Vigorous and free flowering.

**Prince of Wales.** The largest rose crimson. Vigorous and free flowering.

## SWEET PEAS IN COLLECTION

To enable our customers to try a greater number of kinds of the Grandiflora Varieties we offer collections of our regular size packets of the Sweet Peas on this page as follows:

Any 6 packets 25 cents; of the above varieties.

Any 10 packets 40 cents; of the above varieties.

The entire 16 packets 65 cents; of the above varieties.

## Vick's Invincible Mixture of Grandiflora Varieties

The mixture of Grandiflora Varieties introduced as "Vick's Invincible" we know will please the most exacting. For flowers of delicate colors, varying from pearly white to the richest purples, the "Invincible" leads, because it is the result of selecting, year after year, seeds from the choicest flowers. The mixture cannot fail to give satisfaction.

Packet, 5 cents; oz., 10 cents;  $\frac{1}{4}$  lb., 30 cents;

$\frac{1}{2}$  lb., 60 cents; pound, \$1.00.

Prospect, N. Y., April 3, 1916.

James Vick's Sons, Rochester, N. Y.

Gentlemen:—We have purchased our seeds from your firm for something like 40 years, and have never been disappointed.

I believe that every one of your seeds grow, for one gets so many plants from each packet.

Very sincerely,

Mrs. L. SWARWOUT.

A great many of the best and most popular varieties of vegetables and flowers were originated by James Vick's Sons



GRANDIFLORA

SWEET PEAS

## VICK'S PERENNIAL PEAS

The Perennial or Everlasting Pea (*Lathyrus latifolius*) is one of the best of the hardy climbing plants. Although not fragrant like the Sweet Pea the large flowers are produced in clusters and the plants remain in bloom for a long time. The Perennial Pea is very easily grown from seed, will succeed in almost any situation and once established will remain for years without replanting. It does well in shady and in moist places where other climbers would not thrive. Perfectly hardy. Grows from five to eight feet in height.

White, Rose and Red, each . . . . . 5  
Mixed colors. Ounce, 50 cents . . . . . 5

We were the first seedsmen to introduce the Sweet Pea to the American people.



## Vick's Verbenas

Unrivalled as low growing bedding plants. Long season of bloom. Very few plants will make such a gorgeous display during the summer months as the Verbenas, or furnish more flowers for cutting. Start seed in the house or under glass early in the spring, and transplant after three or four inches of growth. Good healthy plants can be produced readily from seed. They flower in July, and continue strong and healthy until after severe frosts.

**Auricula-Flowered or White-Eyed.** Mixed colors . . . . . 10  
**Striped.** Excellent flowers, with Carnation-like stripes . . . . . 10  
**Scarlet.** Brightest scarlet. Quite true . . . . . 10  
**Pure White.** Quite true from seed. . . . . 10  
**Blue.** Shades of blue and purple . . . . . 10  
**Yellow.** Pale primrose yellow . . . . . 10  
**Pink.** . . . . . 10

**Purplish Violet,** with large white center . . . . . 10  
**Mixed colors.** ¼ oz., 30 cents; oz., \$1.00 . . . . . 5  
**Verbena hybrida.** Extra large flowers, fine mixed colors, choice seed, saved only from the most beautiful named flowers. ¼ oz., 50 cents; oz., \$1.50 . . . . . 20

### TEN WEEKS STOCK

The Ten-Weeks or Annual Stock has nearly or quite all the requisites of a perfect flowering plant—good habit, fine foliage, fragrance, and beautiful flowers of almost every desirable tint. The flowers last a long time and the side shoots give a succession of blossoms. Seeds may be sown in the open ground, hotbed or cold-frame, but transplanting should be done when the plants are just out of the seed-leaf. Make the soil deep and rich, and set the plants a foot apart. If plants from a late sowing are carefully potted in the fall, they will flower finely in winter in a house that is tolerably cool and moist.

**Largest Flowering Dwarf.** Seed from pot-grown plants. Dwarf habit, with magnificent large spikes of large double flowers.

**All Colors Mixed** . . . . . 10

**Dwarf German,** from field-grown plants. **Mixed Colors** . . . . . 5

**Large-Flowering Pyramidal Dwarf.** Of pyramidal habit; long spikes of large flowers. **Choice Colors Mixed** . . . . . 10

**Snow Flake.** Dwarf Wallflower-leaved. The earliest white, and one of the earliest of all Ten-weeks Stocks. The snow-white flowers are uncommonly large and double. An extra choice strain. . . . . 25

**Wallflower Leaved.** Large-flowering. Smooth, dark, shining leaves. Dwarf. Set six inches apart.

**All Colors Mixed** . . . . . 15

**White.** A beautiful clear white, with dark glossy foliage. Grown largely for cut flowers . . . . . 10

**Blood-red.** The deepest red of all the Stocks. A very choice variety, prized by florists for cutting . . . . . 10

**Cut and Come Again.** Dresden Perpetual. Plants of robust growth and branching habit. If sown early commences blooming in June and continues until frost, producing flowers in September and October, when other varieties have faded. Fine for cutting.

**Princess Alice.** White, Rose, Red, Dark Blue, Yellow. **Empress Augusta Victoria.** Lilac. . . . . 15  
**All Colors Mixed** . . . . . 10

### Early Large-Flowering Winter Stock

**Giant Nice, White.** Very fine variety . . . . . 10  
**Giant Nice, Yellow.** Excellent. . . . . 10  
**Beauty of Nice.** Strong spikes, with large flowers of a delicate flesh pink . . . . . 10  
**Queen Alexandra.** New. Rosy lilac. Splendid. 15  
**Crimson King.** New. Brilliant fiery crimson. . . . . 10  
**Empress Elizabeth.** Splendid. Immense spikes of bright carmine flowers. Superb both for pots and cutting. . . . . 15  
**Best mixed colors** . . . . . 10



SCABIOSA, A flower that deserves to be better known

A selection of the splendid new varieties of Hybrid Tea Roses will give you a succession of bloom all summer

CUT AND COME AGAIN  
TEN WEEKS STOCK

## Scabiosa or Mourning Bride

The Scabiosa is an old favorite and of late years has been greatly improved. The flowers are borne on long, wiry stems in white, yellow, pink, scarlet, crimson and maroon. Beautiful in the garden and excellent for bouquets. Very easily grown and has a long season of bloom. Twelve to eighteen inches high. Annual.

**Double Tail.** Mixed colors . . . . . 5

**Double Dwarf.** A pretty, compact plant. **Mixed Colors** . . . . . 5

**Double Yellow.** A distinct color, obtained after years of careful selection . . . . . 10

**Double White Snowball.** Pure white . . . . . 10



# Vick's Mammoth Zinnias

The Zinnia is prized for its brilliant colors, for the size and perfection of its flowers, for its sturdy growth, and for the associations connected with it as an old-time favorite. Seed sown in the open ground will produce strong plants, which will thrive and bloom from early summer until killed by late frosts. Set plants from twelve to eighteen inches apart. If the plants are crowded the flowers will be small and imperfect. The young plants can be easily transplanted if desired.

## Giant-Flowered Double Zinnias

See colored picture on Inside Back Cover.

Plants of vigorous growth, about three feet high, bearing profusely their perfectly formed double flowers, from four to five inches in diameter.

	Pkt.		Pkt.
Scarlet . . . . .	10	Yellow . . . . .	10
Rose . . . . .	10	White . . . . .	10
Crimson . . . . .	10	Striped . . . . .	10
Purple . . . . .	10		
Vick's Mixture of All Colors. Pkt., 10 cents.			
Your choice of any 3 packets, 25 cents.			
Entire Collection of Colors, 7 packets, 50 cents.			

## Curled and Crested Zinnias

See colored picture on Inside Back Cover.

A beautiful strain of this popular plant, showing on each plant from 200 to 300 large double flowers, the petals being crested, twisted and curled into graceful and most fantastic forms. The colors comprise all the beautiful shades characteristic of the Zinnia. See picture, page 58. Packet, 5 cents.

## Giant-Flowering Isabella Zinnia

A new and very effective shade in Zinnias. A delicate pale salmon-yellow. The very double, almost globular flowers attain a diameter of four and one-half to six inches. Pkt., 10 cents.

## Large-Flowering Double Zinnias

There is something reliable and cheering about the big, solid, double flowers and the clear, brilliant colors. We are sure that any who purchase the collection mixture, or separate colors will be more than pleased with their investment. Pkt.

Purple. Royal color . . . . .	5
Scarlet. Very showy . . . . .	5
Rose. Soft, beautiful shade . . . . .	5
Crimson. Brilliant, flaming color . . . . .	5
Striped. Very popular, clear colors . . . . .	5
Yellow. Should be in every collection . . . . .	5
White. Pure snow white . . . . .	5
Seven packets, one of each 25 cents.	
Packet of all colors mixed, 5 1/4 oz., 25 cts.; oz., 75 cts.	

## Liliput Zinnias

Plants are about one foot high, very compact, and when in bloom are covered with small double flowers. They can be used very effectively either for edging or massing. All Colors Mixed. Pkt., 5 cents.

## THUNBERGIA or "Black-Eyed Susan"

One of the best trailing plants for veranda boxes, vases, etc. Neat, compact growth. The pretty flowers, an inch in diameter, are white, buff or yellow, with black eye. Mixed Colors. Pkt., 10 cents.

## VINCA or Madagascar Periwinkle

Bedding or pot plants with glossy deep green leaves and bright, Myrtle-like flowers. Easily grown from seed and bloom continuously. Annual. One foot high. Pkt.

Alba Pura. Pure white . . . . .	10
Rosea. Rose, with dark eye . . . . .	10
Mixed Colors. Rose and White . . . . .	10
Delicata. A new variety just out. Beautiful, soft delicate pink . . . . .	15

## Vick's "B & B" Collection of Annuals for the Garden

Shown in Colors on the Inside of Back Cover

Ruffled Petunias	Large-Flowering Phlox Drummondii
New Emperor Salpiglossis	Curled and Crested Zinnias
Early-Flowering Cosmos	Giant-Flowering Zinnias
Annual Larkspur	

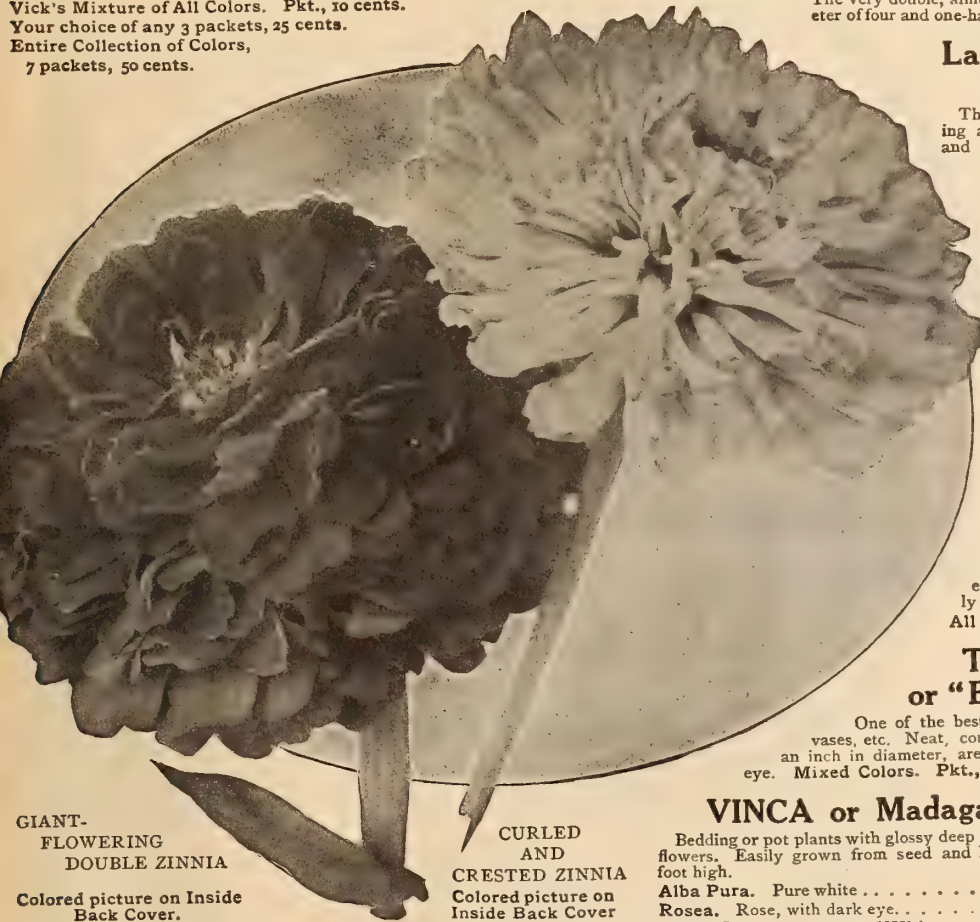
One packet of each of the above in mixed colors, and one packet of Vick's Famous Branching Asters for 75 cents

## WALLFLOWER

Deliciously fragrant and splendid for cutting. The perennial Wallflower needs protection in the North.

Perennial. (Half hardy). Fine Mixed Colors, Double. . . . . Pkt 10  
Annual. Flowering first season. Fine Mixed Colors, Single . . . . . Pkt 5

The old-fashioned Zinnia, with its bright colors, is again becoming popular. A beautiful flower that well deserves attention



GIANT-  
FLOWERING  
DOUBLE ZINNIA

CURLED  
AND  
CRESTED ZINNIA  
Colored picture on  
Inside Back Cover

Colored picture on Inside  
Back Cover.

A picture of Curled and Crested Zinnias will be found at the top of Page 58. This strain is very popular; the flowers coming in all the beautiful shades of the Zinnias.



# Vick's Everlasting Flowers and Ornamental Grasses

## Vick's Everlastings

The Everlastings or Eternal Flowers, as they are sometimes called, have again risen to the popular place they so well deserve, and are becoming generally cultivated. The plants do not appear very important when the garden is gay with scores of bright colored annuals and perennials, but in the winter, when the others are all gone, they are greatly appreciated. The flowers should generally be picked as soon as they expand, or a little before, and hung up in small bunches, so that the stems will dry straight. In this way they will retain both form and color for years, and make very desirable winter ornaments and bouquets for table decorations.

**Acroclinium.** One of the most beautiful of the Everlastings.

A strong grower, eight inches high, bears a great number of pink-rose and white daisy-like flowers, with a yellow center. Should be gathered the first day they open to secure a bright center when dried.

**Mixed Colors.**  $\frac{1}{4}$  oz., 15 cts.; Pkt., 5 cts.

**Gomphrena globosa.** (Globe Amaranth).

Clover-like flowers, eighteen inches high, sow seed, thin to twelve inches apart.

**Mixed Colors.**  $\frac{1}{4}$  oz., 15 c.; Pkt., 5 c.

**Rodanthe.** Double buds of beautiful

form and dainty pink and white color. Gather before fully expanded. One

of the prettiest of the Everlastings. **Mixed Colors.**

$\frac{1}{4}$  oz., 25 cts; Pkt., 5 cts.

**Straw Flower.** Helichrysum.

Large, full flowers of a good variety of colors, white, yellow, and red

of many shades. Two feet high. Seeds germinate rapidly.

Strong grower. Cut before flowers fully expand.

**Mixed Colors.**

$\frac{1}{4}$  oz., 15 cts.; Pkt., 5 cts.

## Seeds of Tender Plants

Most of the plants in this department come from a warm, moist climate, so we must apply similar conditions artificially. To do this without a greenhouse, sow the seeds in boxes or large pots; make a compost of three parts rotted sod and one part fine sand; this makes a rich soil that will not bake. Sow the seed very thin on the surface, then sift a little fine earth over it, and water gently through a fine sprayer; lay a piece of glass over the top, and put the boxes or pots where they may have ordinary warmth and light, but no direct sunlight. When the plants are up remove the glass, or they will become mouldy and decay near the surface of the ground. As soon as they have made two leaves, transplant carefully into another box or pot of similar soil, set in a shady place for a few days, and water very sparingly. When somewhat established, remove them to the light.

**Abutilon.** Chinese Bell-Flower or Flowering Maple.

A well-known greenhouse shrub which will bloom freely with very common treatment. Seeds sown any time before April in a temperature of about 60 degrees, will produce strong flowering plants the first season.

**Finest Mixed Varieties.** . . . . . 10

**Begonia Rex-Diadem.** This seed has been saved from the largest and finest collection in Europe, and contains all the latest varieties . . . . . 50

**Calceolaria.** Hybrida grandiflora. The Calceolarias are very beautiful and popular plants, producing masses of peculiar pocket-shaped, striped, blotched, and variegated flowers. They make gorgeous plants for greenhouse or window . . . . . 25

**Cineraria.** Brilliant colors, compact habit and easily grown.

**Hybrida.** Choice Mixed . . . . . 25

**Hybrida grandiflora.** From the largest flowered prize varieties . . . . . 50

**Coleus.** Remarkable for the brilliant colors of their foliage. The choicest varieties . . . . . 25

**Cyclamen Persicum giganteum.** Choice strain, large flowers, rich colors . . . . . 25

**Cyclamen Persicum.** Choice Mixed . . . . . 15

In our Greenhouses at Barnard, N. Y., we propagate and

## Ornamental Grasses

Ornamental grasses are not only attractive in the flower bed or border in the summer, but are largely used, when dried, in bouquets, baskets and vases for winter decoration. Large beds and groups of these grasses are used with fine effect in landscape work.

### HARDY GRASSES

**Arundo Donax variegata.** Giant Reed Grass. 4 to 7 feet. Stately Bamboo-like plant. The abundant leaves elegantly striped with creamy white. For lawns, borders of streams, etc. Pkt., 10 cts.

**Briza maxima.** Quaking Grass. Handsome for winter bouquets. Pkt., 5 cts.

**Erianthus Ravennae.** Plume Grass. Hardy Pampas Grass. 4 to 7 feet. The graceful clumps are surmounted by handsome plumes, which are much used for winter decoration. Pkt., 10 cts.

### ANNUAL GRASSES

**Agrostis nebulosa.** Cloud Grass. A very beautiful variety of ornamental Grass. Fine and feathery. Very delicate. Looks like mist when in bloom.

Elegant for bouquets. Eighteen inches high. Very useful for decorations when dried. Pkt., 5 cts.

**Coix Lacryma-Jobi.** Job's Tears. Two feet high. Corn-like leaves. Grown for the bead-like fruit. Oz., 30 cts.; Pkt., 5 cts.

**Pennisetum longistylum.** Fountain Grass. Two feet high. Long, slender leaves and greenish-white plumes. For borders of beds, etc. Pkt., 5 cts.

**Pennisetum Ruppellianum.** Purple Fountain Grass. Three feet high. The purplish plumes are beautiful for bouquets and unequalled as a border for beds of tall plants. Pkt., 10 cts.

Sauquoit, N. Y.

James Vick's Sons—

I was delighted with my Mixed Asters last summer, and mean to try them again. Also am much pleased with the Narcissus I had of you. They have gorgeous blooms this winter.

Yours very truly, K. J. SAVAGE.

Kansas City, Mo.

Dear Sirs:—Our Asters were perfectly beautiful last year, so we want to try them again. They were admired by all who saw them. In my order, I want your prettiest pink Snapdragon and Phlox. If you have a prettier one than the one I named in order, please substitute your best pink. Respectfully, ELLA PARRISH.

### STRAW FLOWER—HELICHRYSUM

Pkt.		Pkt.
	Geranium. Fine Mixed . . . . .	10
	Choicest fancy varieties, Lady Washington. Mixed Colors . . . . .	25
	Gloxinia hybrida. Best quality; from choice show flowers . . . . .	25
	Lantana. Finest Mixed . . . . .	10
	Linaria Cymbalaria, Kenilworth Ivy. Lavender and purple. . . . .	10
	Oxalis floribunda. Fine for baskets or pots. White and Pink Mixed . . . . .	10
	Passiflora cœrulea. The hardest Passion Flower . . . . .	10
	Schizanthus Wisetonensis. As a pot plant this has hardly a superior. It is literally covered with small orchid-like flowers and remains in bloom from four to six weeks . . . . .	15
	Smilax. A graceful climber for the greenhouse or window. Invaluable for bouquets and floral decorations. Sow in February and keep in a moist place . . . . .	10

**The Oldest Mail Order Seedhouse in America  
and Largest Growers of Asters in the World**  
grow to perfection all varieties of tender house plants





PYRETHRUM OR PERSIAN DAISY—Description on Page 81

## Vick's Hardy Perennial Flower Seeds

THE perpetual charm of hardy garden flowers has won for them a warm spot in the hearts of all lovers of beautiful gardens. Their popularity is well deserved, for while natural and restful in general effect, their beauty is ever changing and ever appealing, for some new and interesting flowers may be found in the perennial garden from early April until severe freezing weather comes. Time does not affect the Perennial. For years it bears its blossoms in the garden, growing finer and more beautiful as the seasons pass and it grows older. The seed may be sown in the early spring with the Annuals, or later in the summer during July and August; but if sown late give the seedbed a cool, damp place, or keep the ground shaded and quite moist by artificial shading and watering until the plants appear. They will then make sufficient growth to carry them through the winter and will bloom the next summer. As for the soil, all that is necessary is good garden loam. A very complete list of Annuals begins on page 58.

### ALYSSUM

**Alyssum saxatile Compactum.** Gold Dust. Hardy, compact growth, producing a mass of golden yellow flowers in early spring. Of easy culture and much used in rockeries.  
 $\frac{1}{4}$  ounce, 25 cents. . . . Pkt 5

### COREOPSIS

#### Tickseed

One of the best hardy perennials. Used extensively for cut flowers. Very free-flowering, blooming from June to October. The large, showy, golden-yellow flowers are borne on long stems, and will last a week or more when cut. Will bloom the first year if seed is sown early.

**Grandiflora.** Will grow anywhere. Two to three feet high. Fine for cutting.  
 $\frac{1}{4}$  ounce, 20 cents . . . . Pkt 10

### CANDYTUFT

A very desirable, neat, low-growing evergreen plant; fine for borders or rockery. Flowers pure white. Blooms in April and May.

**Iberis sempervirens.** White, 8 to 10 inches high.  
 1-16 ounce, 40 cents . . . Pkt 10  
**Gibbaltarica.** Large, showy flowers; lilac, shading to white. One to two feet in height.  
 1-16 ounce, 40 cents . . . Pkt 10

### ASPERULA

**Odorata,** Sweet Woodruff. The white flowers delightfully fragrant, and the dried plant is often preserved for its perfume. About nine inches high. Thrives well in the shade . . . . Pkt 10

Remember that we prepay Postage or Express east of the Mississippi River on Hardy Plants at prices quoted. West of there an extra charge of 5 cents a plant is made to cover extra Parcel Post or Express charges

### AQUILEGIA, Columbine

One of the most beautiful of the hardy perennial plants. The graceful and peculiarly shaped flowers are borne on slender stems well above the handsome foliage. Plants grow two to three feet high. Seed sowed any time up to midsummer will produce plants that will begin to bloom the following May. Perfectly hardy and of easy culture.

#### LARGE FLOWERED VARIETIES WITH LONG SPURS

- |   | Pkt. |
|---|------|
| <b>Chrysantha.</b> Beautiful canary yellow from New Mexico and Arizona . . . . .                      | 5    |
| <b>Cœrulea,</b> Rocky Mountain Columbine. Sky blue and white. Superb. $\frac{1}{4}$ ounce, 50 cents . | 10   |
| <b>Skinneri.</b> Yellow; with scarlet spurs; the sepals greenish orange. Beautiful. . . . .           | 10   |
| <b>Large Flowering Hybrids.</b> Many beautiful shades. Long spurred, large flowers . . . .            | 10   |

#### SHORT-SPURRED VARIETIES

- |   |   |
|---|---|
| <b>Aquilegia vulgaris.</b> The old-fashioned "Honeysuckle." . . | 5 |
| <b>Nivea grandiflora.</b> Large white, semi-double flowers . .  | 5 |
| <b>Mixed Varieties,</b> single or double, each . . . . .        | 5 |

Hardy Poppies sown early will blossom the first year and give you a mass of flowers of beautiful bright colors. Fine for a walk border.



LONG SPURRED AQUILEGIA OR COLUMBINE





CANTERBURY BELLS  
SINGLE AND DOUBLE

## CAMPANULA or Bell Flower

There are two general classes of Campanulas, hardy biennials, which blossom from seed the second year, and perennials. The biennials are the better known, and include the very popular Campanula Medium or Canterbury Bell, and Campanula Calycanthema, or Cup and Saucer. Campanula Carpatia, Pyramidalis or Chimney Bell Flower, and Platycodon Grandiflora are perennials. Pkt.

**Canterbury Bell.** Flowers large. Plants two feet high; blooms in July.

**Single or Double Flowered, Mixed Colors.** . . . . . 10

**Single, Pink.** New. A soft, delicate shade. The color combined with the charming form of the Canterbury Bell, makes one of the most beautiful of all hardy flowers . . . . . 10

**Cup and Saucer.** Calycanthema. Beautiful form of Canterbury Bell with a large "saucer" at the base of the flower. Two feet high. **Pink, blue and white, mixed.** . . . . . 10

**Carpatia.** Six inches high, blooming the whole season. **White and blue, mixed** . . . . . 10

**Pyramidalis.** Chimney Bell Flower. Pyramidal plants three feet high, bearing hundreds of beautiful cup-shaped flowers. Suitable for the garden or pots. **Blue and white mixed** . . . . . 5

**Grandiflora.** Platycodon. Producing large broad bell-shaped, showy, deep blue flowers, during the whole season. Very desirable for planting in permanent borders or among shrubbery. 2 feet high . . . . . 12

## ANCHUSA

**Anchusa Italica.** Dropmore Variety. One of the most valuable of the recent introductions in hardy plants. The plants are very vigorous, the rough leaved stems growing to a height of five feet. The flowers are a beautiful, clear, bright blue, and are freely produced all summer, making a most striking plant in the hardy border.  $\frac{1}{4}$  ounce, 50 cents . . . . . 10

## ANTHEMIS

**Tinctoria.** Golden Marguerite. Pretty, hardy plant with finely divided leaves, growing to a height of two to three feet. Bears, throughout the summer, an abundance of long-stemmed, golden yellow, Daisy-like flowers. Excellent for cutting. One-quarter ounce, 35 cents . . . . . 10

## DOUBLE DAISY

The well-known English Daisy. Seed sown any time from June to August will produce flowers early the following spring. Transplants readily. Set about six inches apart.

**White.** Snow white . . . . . 10

**Longfellow.** Large, rose-colored flowers . . . . . 10

**Snowball.** Large, perfectly double and pure white, having long stiff stems. . . . . 15

**Red and White, Mixed** . . . . . 10

## DIGITALIS or Foxglove

The Foxgloves are quite stately and highly ornamental plants when well grown, with flower stems at least three feet in height. They are fine for the mixed border, or planted singly in half-shady places near a walk or drive. The racemes of flowers are often two feet in length, containing scores of the prettily spotted thimble-shaped flowers. Perfectly hardy. Sow the seed in spring in the garden, and transplant as desired. **Mixed Varieties**  $\frac{1}{4}$  ounce, 35 cents . . . . . Pkt. 5

## FEVERFEW

Fine hardy plant, covered with double white flowers from June to October . . . . . Pkt. 10

## GYPSOPHILA or Baby's Breath

The delicate, mist-like sprays of the Gypsophila are invaluable for bouquets. They serve to lighten the effect of the masses of other flowers, and are especially useful with Sweet Peas, and other flowers that cannot readily be cut with their own foliage. Blooms July and August. Two feet high.

**Paniculata.** Baby's Breath. One of the best hardy perennials. Easily grown and blooms the first season from seed. Flowers white. Splendid for cutting . . . . . Pkt. 5

## MYOSOTIS or Forget-Me-Not

Charming, low-growing plants, the bright flowers covering the plants in late spring. Seed sown at any time up to mid-summer will produce plants that will bloom the following spring. Prefer moist shady situation. The Alpestris varieties are very free bloomers; they are practically biennial. Pkt.

**Alpestris.** Blue. Grows six inches high . . . . . 5

**Alpestris alba.** White. Grows six inches high . . . . . 5

**Alpestris rosea.** Light pink. Grows six inches high. . . . . 15

**Alpestris, Indigo Blue.** New, very fine. A deep indigo blue. Grows six inches high . . . . . 10

**Alpestris robusta grandiflora (Eliza Fonrobert).** Large-flowering, of pyramidal habit. Very fine. Blue, with clearly defined yellow eye. Grows six inches high. . . . . 10

**Alpestris, Victoria.** Sky blue, dwarf. Plants globular; flowers abundant. Fine for pots and cutting. Grows six inches high. . . . . 10

**Palustris (True Forget-me-not).** Blue, with yellow eye. A true perennial. Produces its charming blue flowers all summer. Grows one foot high.  $\frac{1}{2}$  ounce, 40 cents . . . . . 10

**Mixed Varieties.** Seeds of the above varieties mixed . . . . . 5

**Vick's Perfection.** The finest Myosotis known. Large, bright blue flowers. As an edging plant for beds or the shrubbery border it really has no superior. Plant robust, nine inches high. . . . . 15



DIGITALIS or FOXGLOVE

**Everblooming Roses of the finest and newest varieties will be found on pages 95 and 96. A few bushes planted in your garden will give a succession of bloom the entire season.**

**On the inside of the back cover you will see some of the leading flowers for the Home Garden in their natural colors**





DELPHINIUM OR LARKSPUR

## DELPHINIUM or LARKSPUR

The Hardy Larkspurs are easily among the finest of all our perennial plants. The prevailing colors are rich, clear shades of blue. The taller kinds furnish long spikes of bloom that are strikingly decorative, and last a long time as cut flowers. The plants have a long season of bloom, which can be greatly prolonged by keeping the seed stalks cut out and supplying plenty of water. The dark, handsome foliage is neat and attractive throughout the whole season. The plants are perfectly hardy. Seeds sown in the open ground in the spring will produce strong plants, some of which will flower the same season.

<b>Formosum.</b> Large flowers of deep, brilliant blue, white eye. Three to four feet . . . . .	Pkt. 10
<b>Formosum celestinum.</b> (Pillar of Beauty). Beautiful shade of light sky blue; flowers large; spikes long. Plants three to four feet in height . . . . .	10
<b>Nudicaule.</b> Bright scarlet; native of California. One to two feet . . . . .	10
<b>Chinese.</b> Fine. Two to three feet. Blue, white, and pink, mixed. . . . .	5
<b>Large-flowering Hybrids.</b> Three to six feet high. Flowers of various shades; very showy. Finest varieties mixed. Extra fine stock . . . . .	10

## HARDY LYCHNIS

Excellent hardy plants, of easy culture. To obtain good flowers the first summer, sow the seed inside and transplant as early as possible.

<b>Chalcedonica, Maltese Cross, Jerusalem Cross.)</b> Fine old-fashioned flower. Two feet high, with heads of brilliant scarlet flowers. . . . .	Pkt 5
<b>Haageana hybrida.</b> Finest of the Lychnis family. One foot in height. Mixed Colors. . . . .	10
<b>Viscaria splendens.</b> Flowers rosy pink. One and one-half feet high . . . . .	5

## HARDY GAILLARDIA

**Gaillardia Grandiflora.** The plants and flowers of the perennial Gaillardia are very much larger than those of the annual. The colors are exceedingly brilliant. They include the richest shades of crimson, scarlet, orange and yellow, contrasting beautifully with the brown centers. The plants are perfectly hardy and easily grown from seed. If seed is sown early the plants will bloom the first year. Mixed Colors.  $\frac{1}{4}$  Oz. 30 cents. . . . .

## CORNFLOWER ASTER—Stokesia Cyanea

This flower is about 18 high, bearing freely, from early July until frost, its handsome Centaurea-like blossoms, each measuring from four to five inches across. It is of the easiest culture, succeeding in any open, sunny position, and is not only desirable as a single plant in the mixed hardy border, but can be used with fine effect in masses or beds of any size. We have no hesitation in saying that the Cornflower Aster is one of the most beautiful, valuable and desirable hardy plants. Packet, 10 cents.

AMERICA'S  
OLDEST  
MAIL ORDER  
SEEDHOUSE

## VICK'S HOLLYHOCKS

We feel justly proud of our special strain of Double Hollyhock grown on our farms. In all our experience we have never seen a greater variety of colors, from the most delicate pink to deep maroon; all immense, perfectly double flowers. No old-fashioned garden is complete without a few of these stately, hardy plants from six to eight feet high, used as a background or in the border with shrubs or other hardy plants. Seed sown in the early summer will produce blooming plants the second season. A covering of light straw manure or leaves in the late fall will protect from the frost and also act as a fertilizer.

**Hollyhock, Double.** Four to five feet high. Very double and fine, from the best named collection in Europe. We have the following separate colors: Pink, rose, maroon, yellow crimson, white, red. Any Color . . . . .

Mixed Colors. Ounce, \$1.25;  $\frac{1}{4}$  ounce, 35 cents. . . . .

**Alleghany.** Six to seven feet high. Flowers very large and beautifully fringed. Single and semi-double. Has a long season of bloom, and the plants are taller and less subject to rust than the double varieties. Mixed Colors . . . . .

## LOBELIA CARDINALIS

Our native Cardinal Flower. Spikes of brilliant scarlet. Blooms the first year if well started with heat. The flowers are said to be the most brilliant scarlet tint that occurs in nature. Pkt. 15

## PYRETHRUM—Persian Daisy

Hardy perennial plants of easy culture with beautiful, large single and double, daisy-like flowers, three to four inches across, in a variety of brilliant colors. The flowers are borne on long stems and are splendid for cutting. The plants have a long season of bloom. Grow two feet high. See picture on page 79

**Single Large-Flowering.** Mixed colors . . . . .

**Double Large-Flowering.** Mixed colors . . . . .

**Yellow-Leaved or Golden Feather.** Dwarf plants about eight inches high, used extensively for borders and edgings. Foliage bright yellow . . . . .



DOUBLE HOLLYHOCK

James Vick's Sons, Rochester, N. Y.

Gents:—Knowing the excellence of your seeds, I would like your catalogue. I will endeavor to introduce your seeds here, as I bought seeds from James Vick 40 years ago, and they were always as represented.

W. H. SPEESE.

Boyce, Miss., Feb. 15, 1916.



## PERENNIAL POPPIES

Iceland Poppies are perennial, but blossom the first year from seed, if sown early. The plants are perfectly hardy, and bloom the entire season. The flowers are about the size and shape of those of the well-known Shirley Poppy (annual), and are borne on long wiry stems. The delicate silken texture of the flowers, nodding on slender stems produces an exquisitely dainty effect. Charming as cut-flowers, lasting well if cut when the buds are opening. Bloom from June to October.

Pure White, Yellow and Orange, in separate packets, each . . . . .	Pkt. 10
One packet each of the three above colors . . . . .	25
Above colors mixed, per packet . . . . .	10

**Oriental.** The single large Oriental Poppy is one of the most striking and showy of all the hardy garden plants. The tall stems, three feet in height, bear great flowers of brilliant scarlet six or eight inches across. The plants thrive well either in the full sun or in partial shade. They are a great addition to the hardy border, and are of especial value among shrubbery, lighting up the usually dark and somber clumps of shrubs. The flowers are splendid for cutting, lasting well if cut as they are opening. The plants bloom in June. Perfectly hardy and easily grown from seed. Sow seed from April to June. . . . .

**Excelsior Hybrid.** A grand mixture of colors in hybrids of the Oriental Poppy. The result of several years careful selection. Ranges from the most delicate salmon to deep crimson. . . . .

## SHASTA DAISY

A very hardy perennial, blooming better and more abundantly each season, and continuing to bloom for several months. The pure white flowers are from two and one-half to four inches in diameter, and are borne singly on long, stiff, wiry stems. The blooms, when cut, remain perfectly fresh and in good condition for two weeks or more.

Pkt 10

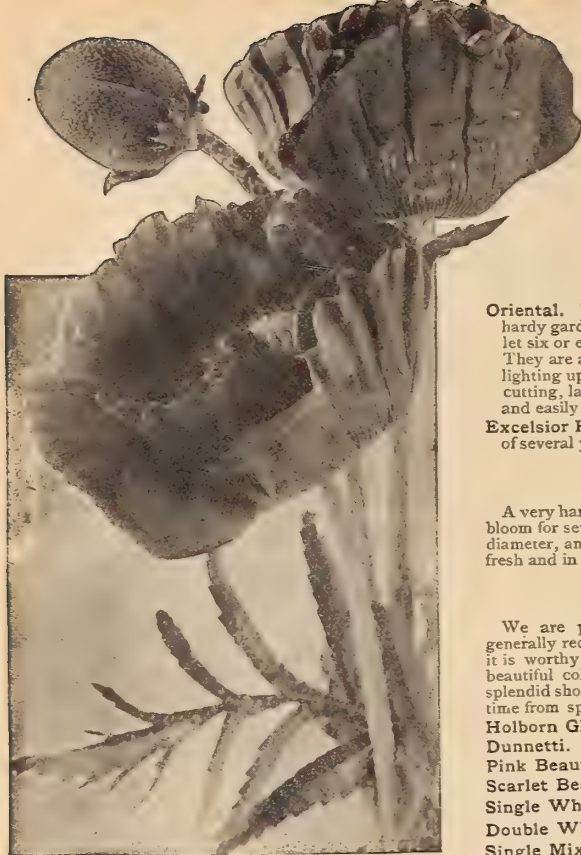
## SWEET WILLIAM

We are pleased to see that the merits of this sturdy old-fashioned flower are being more generally recognized and its cultivation greatly extended. Beautiful, fragrant and easily grown, it is worthy of a place in every garden. The best varieties of Sweet William are of exceedingly beautiful colors, and the large fragrant flowers are borne in trusses of great size. They make a splendid show in the garden or hardy border and last well as cut flowers. Seed may be sown at any time from spring to mid-summer. Blooms the second season. Perfectly hardy.

Pkt.

Holborn Glory. Large flowers in beautiful shades, with center and margin of white . . . . .	10
Dunnetti. Deep blood red. Rich, velvety texture. . . . .	5
Pink Beauty. A beautiful salmon pink . . . . .	15
Scarlet Beauty. . . . .	10
Single White . . . . .	5
Double White . . . . .	10
Single Mixed. (Perfection.) All colors. . . . .	5
Double Mixed. All colors . . . . .	10

A complete list of Fruit and Ornamental Trees, Berry Bushes and Grapes will be found in our Ornamental Tree Book.



ORIENTAL POPPY

## HARDY SCABIOSA

**Caucasica.** One of the best of the hardy perennials. The large flowers are a beautiful soft lilac color and are borne on long stems. They are exceedingly charming as cut flowers. The plants begin to bloom in June and continue throughout the season. Grow one foot high. . . . .

Pkt 10

## PRIMROSE

Hardy Primroses succeed best in a northern border; the tender sorts in a cool north window. Sow seeds where they can be kept shaded and watered, as they require a long time to germinate. *Primula vulgaris* is the sweet, beautiful English Wild Primrose, so ardently loved by all who spent their childhood days among the green lanes of England.

Pkt.

<i>Primula auricula.</i> Fine Mixed. . . . .	25
<i>Primula elatior.</i> (Polyanthus.) Fine Mixed . . . . .	10
<i>Primula elatior.</i> (Polyanthus.) Gold-laced. . . . .	25
<i>Primula vulgaris.</i> Wild English Primrose. . . . .	10

## RUDBECKIA—Corn Flower

Picture on page 88

**Purpurea, or Giant Purple Cone Flower.** Flowers reddish wine-purple. Two to three feet high. Blooms from June to October. Beautiful and lasting as cut flowers. . . . .

Pkt 10

## THERMOPSIS CAROLINIANA

Magnificent tall growing plant, about 5 feet high, with clover like leaves. Large spikes of golden-yellow, pea shaped flowers. . . . .

Pkt 15

## POTENTILLA ATROSANGUINEA

A beautiful border plant, 18 inches high. Succeeds in any soil, a profuse bloomer. Blooming from June to August. Flowers single rich crimson. . . . .

Pkt. 10

The flowers shown in colors on the inside back cover are only a few of the most popular kinds for the Home Garden.



BEAUTIFUL, FRAGRANT, OLD FASHIONED SWEET WILLIAM

We have had the experience of over half a hundred years, growing, packing, and shipping seeds, plants and bulbs



# HARDY PLANTS AND BULBS



VICK'S PERFECTION FORGET-ME-NOT

**H**ARDY Perennials are really the most satisfactory plants for the border, for filling in the front of shrubbery, or massing on the lawn. The flowers show a great range of color; the foliage is abundant and beautiful, and by proper selection, the blooming season can be extended throughout the entire year. Right here we want to remind you of the convenient arrangement of the new Parcels Post rates, whereby we are able to send any quantity of Seeds, Plants and Bulbs, by mail, in packages of from one to twenty pounds. **This is a great help to our customers, especially those who live at a distance from an express office, for by this means the package is brought direct to the door.** The increase in weight of package allows for careful packing with moss and oiled paper in strong boxes, thus insuring arrival of package at destination in good condition. **Remember we prepay the postage or express charges on plants and bulbs as well as upon seeds,** unless otherwise specified. This applies to all points in the United States, East of the Mississippi river. West of these points an extra charge of 5c per plant is made to cover the extra postage from there on. It is just as easy and convenient to order from us, as if you lived next door.

## ACHILLEA

**The Pearl.** The blossoms are of purest white, and so large that they resemble a Pompon Chrysanthemum. Hardy, and will thrive in almost any situation. Very desirable for the garden or cemetery. Blooms nearly the whole season. . . . . Each 20 cents; three for 50 cents

**Millefolium roseum.** Foliage very finely cut; flowers pink. A continuous bloomer. . . . . Each, 20 cents; two for 30 cents

**Tomentosum.** Bright yellow flowers. Very fine for rockeries. . . . . Each, 20 cents; two for 30 cents

## ALYSSUM

**Saxatile compactum**—"Basket of Gold." An indispensable plant for the rocky or border, growing one foot high and producing, in May, masses of broad flat heads of bright yellow flowers. . . . . Each, 20 cents; dozen, \$2.00

## ANEMONE

**Whirlwind.** This double variety has the habit, and all the other good qualities of the Single White Japan Anemone, with the additional ones of greater hardiness and more lasting blooms. The flowers are two and one-half to three inches across, and have several rows of white sepals. The plants grow from two and one-half to three feet in height. Each, 25 cents; doz. \$2.50

**Queen Charlotte.** Early-flowering, vigorous grower. Begins flowering in August, and continues until November, becoming more attractive each day. Flowers semi-double, broad, perfectly formed, and of a delightful shade of silvery pink. . . . . Each, 25 cents; dozen, \$2.50

**aponica alba.** Flowers pure white with yellow center, single. . . . . Each, 25 cents; dozen, \$2.50

## BOLTONIA

Among the showiest of our native hardy perennials. Attain a height of four to five feet, with single aster-like flowers in large clusters. Very free-flowering.

**Asteroides.** Pure white . . . . . Each, 20 cents; dozen, \$2.00

**Latisquama.** Lavender Pink. . . . . Each, 20 cents; dozen, \$2.00

## NEW ANCHUSIA ITALICA

### DROPMORE VARIETY

One of the most valuable of the recent introductions. The plants are vigorous and branching, growing from three to five feet in height. The flowers are borne on long, pyramidal, graceful spikes; color beautiful, clear, bright blue, a shade peculiar to this variety. Its blooming season is in June and July. . . . . Each, 25 cents; dozen \$2.50

## DICENTRA

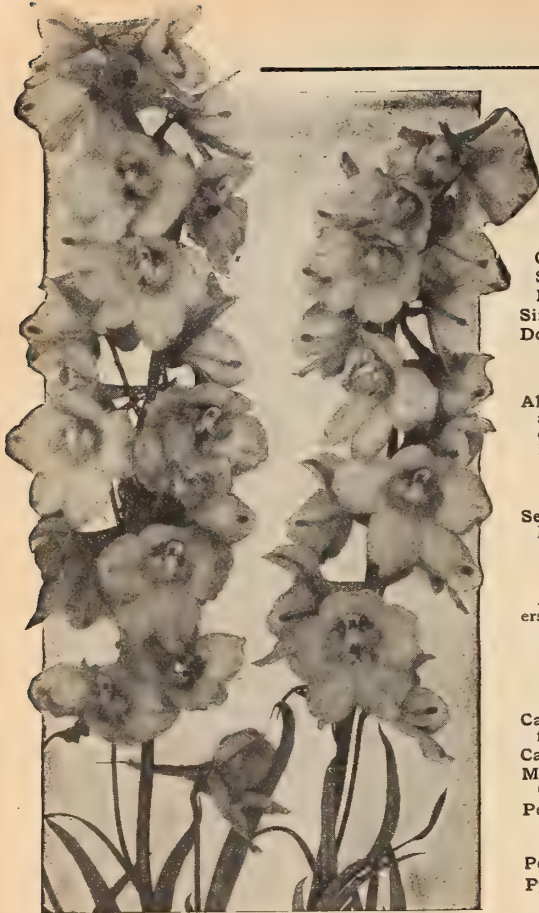
**Spectabilis—Bleeding Heart.** A favorite old-fashioned flower with long racemes of graceful, heart shaped pink flowers. A fine border plant, and valuable for planting in shaded spots. Blooms in May. . . . . Each, 30 cents; dozen, \$3.00



ANEMONE—"WHIRLWIND"

If you will write your order for plants on the Plant Order Sheet they will be sent direct from the Greenhouse to you





DELPHINIUM OR HARDY LARKSPUR

## DELPHINIUM or Hardy Larkspur

The Hardy Larkspurs are easily among the finest of all our perennial plants. The prevailing colors are rich, clear shades of blue. The taller kinds furnish long spikes of bloom that are strikingly decorative, and last a long time as cut flowers. The plants have a long season of bloom, which can be greatly prolonged by keeping the seed stalks cut out and supplying plenty of water. The dark, handsome foliage is neat and attractive throughout the whole season. The plants are perfectly hardy. **Each, 20 cents; doz. \$2.00.**

**Formosum.** A most brilliant deep blue, the finest blue flower known among our hardy plants.

**Formosum Collettinum.** A charming delicate blue.

**Bee Larkspur.** Interesting for the manner in which the petals are folded up in the center of each so as to resemble a bee. Flowers of lighter shade than Delphinium Formosum.

**Chinese.** A pretty variety, in varying colors from blue to white.

## CERASTIUM or "Snow in Summer"

**Tomentosum.** A very pretty dwarf, white-leaved edging plant, bearing small white flowers. Fine for rockery. **Each 20 cents; dozen, \$2.00.**

## CLEMATIS

**Davidiana.** A vigorous, hardy plant, two to four feet high, flowers bell-shaped, deep lavender or blue in color, very fragrant, and produced in clusters in great profusion.

**Strong plants, each, 20 cents; dozen, \$2.00.**

## COREOPSIS

**Lanceolata Grandiflora.** A most popular hardy plant. Flowers are rich golden yellow in color, graceful and invaluable for cutting. Blooms very abundantly during the last of June and continues in flower during the entire summer and autumn. **Each, 20 cents; dozen, \$2.00.**

## CORNFLOWER ASTER or Stokesia Cyanea

Valuable native hardy plant of easy culture. Large, handsome flowers of lavender blue, borne profusely from July until frost. **Each, 20 cents; dozen, \$2.00.**

## DIGITALIS or Foxglove

The Foxgloves are quite stately and highly ornamental plants when well grown, with flower stems at least three feet in height. They are fine for the mixed border, or planted single in half-shady places near a walk or drive. The racemes of the flowers are often two feet in length, containing scores of prettily-spotted thimble-shaped flowers. Perfectly hardy. **Each, 20 cents; dozen, \$2.00.**

## AEGOPODIUM (Bishop's Weed)

**Podagaria variegata.** A rapid growing, attractive green and yellow variegated foliage plant. Splendid for borders. Thrives in any soil. One foot high. **Each, 15 cts; dozen, \$1.50.**

## AQUILEGIA or COLUMBINE

**Each, 20 cents; dozen, \$2.00.**

**Chrysantha.** The beautiful golden-yellow Columbine.

**Cœrulea.** The true Rocky Mountain Columbine. Flowers azure blue and white.

**Skinneri.** Scarlet and yellow.

**Erskine Park Hybrids.** Beautiful hybrids. A fine selection of the most popular colors.

**Single Mixed.** All colors in a fine mixture.

**Double Mixed.** Flowers very large, full and double.

## ARABIS or ROCK CRESS

**Alpena.** One of the most desirable of the very early spring-flowering plants that is especially adapted for edging and for the rock garden, but does equally well in the border, forming a dense carpet, completely covered with pure white flowers. Nice for cutting, lasts a long time in bloom. **Each, 20 cents; dozen, \$2.00.**

## ARMERIA

**Sea Pink or Thrift.** A very pretty and interesting hardy alpine plant, fine for border or rockery. Flowers rose pink. **Each, 15 cents; dozen, \$1.50.**

## ARTEMESIA LACTIFLORA

A splendid plant for mixed borders. Panicles of sweet scented, creamy-white, graceful flowers held on strong stems 3 and 4 feet high. Foliage abundant and finely cut.

**Each, 20 cents; dozen, \$2.00.**

## CAMPANULA or Bell Flower

**Each, 20 cents; dozen, \$2.00.**

**Carpatica.** (Carpathian Hare-Bell.) A pretty, compact species, not exceeding eight inches high flowers clear blue, one inch in diameter.

**Carpatica Alba.** White flowers.

**Medium.** Old fashioned Canterbury Bell. In three colors, pink, blue and white.

Our stock has been grown from the finest strain of seed.

**Persicifolia.** Grows 1½ feet high, and produces a great number of blue flowers in loose clusters from June to October.

**Persicifolia alba.** A white form of the above.

**Pyramidalis.** A most attractive plant for the border, forming a perfect pyramid, covered with large, blue and white flowers.

**Pyramidalis alba.** Same habit as Pyramidalis, but the flowers are white.



DIGITALIS or FOXGLOVE



## THE IRIS, or Fleur-de-Lis

**T**HE IRIS, or Flower-de-Luce, the *Fleur-de-lis* of the French, is one of the most beautiful of hardy garden plants. There are several distinct species of these plants, natives of different regions, each presenting many garden varieties, the flowers of which are of peculiar and handsome form, beautifully colored and marked, and equaling in beauty the most showy orchids. The plants are hardy in the garden. Some kinds are desirable for the greenhouse.

Iris will grow almost anywhere; in out-of-the-way corners, among shrubbery, or wherever they have a reasonable amount of soil and moisture. They require very little care, but will remain in the ground from year to year, gradually spreading, and increasing the size and beauty of the floral display.

## GERMAN IRIS, Fluor-de-Lis

Perfectly hardy. They bloom in May and June, when there is always a scarcity of flowers. Plant three inches deep.

Each, 20 cents; dozen, \$2.00.

**Celeste.** Light blue.  
**Gesneriana.** White and lavender.  
**Madame Chateau.** White.  
**Madcap.** Lavender and purple.  
**Souvenir.** Old gold and purple, tall grower.  
**Pharaon.** Blue, shaded rose color.  
**Florentina.** White lavender vein.  
**Canary.** Rich yellow.  
**Atropurpurea.** Old blue; very fine.  
**Velveteen.** Golden bronze and rich purple.

## JAPAN IRIS

The flowers of the Japan Iris are of the richest colors, ranging from white to purple, with delicate markings and veinings, and quite different in form from those of the German Iris, being much flatter and larger. Named varieties, all double. Blooms just after the German Iris.

Each, 25 cents; dozen, \$2.50.

**Blue Danube.** Deep indigo blue, violet shadings  
**Gold Bound.** Pure white.  
**Hyde Park.** Reddish purple, striped white.  
**Mahogany.** Dark red, shaded maroon.  
**Mars.** Reddish purple, striped and blotched white.  
**Paragon.** Rich velvety purple.  
**Pyramid.** Lilac blue, veined white in center of each petal.  
**Spotted Beauty.** White spotted with violet crimson.

## SIBERIAN IRIS

**Sibirica.** Forms strong free-blooming clumps, three feet high. Flowers light blue, veined with violet. Each, 20 cents; doz. \$2.00.

## ERIANTHUS

**Ravennae.** Hardy Pampas Grass. Grows from nine to twelve feet high, frequently throwing up from 30 to 50 flower spikes.

Each, 25 cents; dozen, \$2.50.

## EULALIA

Handsome, tall, ornamental grasses for the open lawn, or for clumps in the borders of shrubbery. Leaves beautifully variegated.

**Japonica zebrina.** Stripe or marking is across the leaf instead of lengthwise.  
**Japonica variegata.** Leaves beautifully striped lengthwise.  
**Gracillima univittata.** The most beautiful of all the Eulalias. Foliage narrow, dark green, with a silvery white midrib.  
 Each, 25 cents; one plant each of above three for 70 cts.; doz., \$2.50.

## LUPINUS, Lupine

**Polyphyllus.** Strong plants, with long spikes of pea-like flowers in early summer. Mixed colors. Each, 20 cents; dozen, \$2.00.

## MONARDA DIDYMA

An exceptionally fine, hardy perennial for planting among bulbs or in a mixed border. The plant grows about 2½ feet high, branching freely, and bears multitudes of bright red, showy flowers, which are surpassed in intensity of color only by the Cardinal Flower. For a mass of color it is very striking. Thrives well in the shade. Each, 20 cents; dozen, \$2.00.

## PYRETHENUM

Sometimes called Spring-Flowering Chrysanthemum. Hardy perennial plant of easy culture, with beautiful, large, daisy-like flowers in a variety of brilliant colors, ranging from intense scarlet to pure white. The flowers are borne on long stems and are splendid for cutting, lasting in water longer than nearly any other flower. The plants have a long season of bloom.

Each, 20 cents; dozen, \$2.00.

## PLATYCODON Grandiflorum

**The Chinese Bell Flower.** In bloom the entire season. The flower resembles Clematis in size and color. Two varieties, blue and white.  
 Each, 20 cents; dozen, \$2.00.

We prepay Parcel Post and Express charges on Hardy Perennial Plants to all Points east of the Mississippi River



GERMAN IRIS

## PENTSTEMON

Most useful hardy perennial, blooming from June until autumn. Very fine for border or rockery.

**Coerulea.** Flowers blue. Each, 20 cents; dozen, \$2.00.

## PHYSOSTEGIA

### False Dragon-Head

One of the most beautiful of our summer flowering perennials, bearing long spikes of tubular shaped flowers resembling a giant feather. Each, 20 cents; dozen, \$2.00.

**Virginica.** A bright pink. Four feet. **Virginica alba.** White. Two feet. **Speciosa.** A very delicate light pink.

## HARDY PINKS

These pinks are perfectly hardy, and will remain in the open ground all winter without protection.

**Pot grown plants, each, 20 cents; dozen, \$2.00.**  
**Field grown plants, each, 30 cents; dozen, \$3.00.**

**Comet.** A fine shade of red; flowers double, clove scented.  
**Her Majesty.** Flowers very large, fringed, very double, and pure white. Fragrance delicious, clove scented. Long stiff stems support the flowers.  
**Souvenir de Salle.** Soft rosy pink; large as a carnation; beautifully formed and very double.  
**White Reserve.** A nicely fringed white. Always in bloom.

## HARDY POPPY

Each, 20 cents; dozen, \$2.00.

**Iceland Poppies.** The plants are perfectly hardy, and bloom the entire season. The flowers are about the size and shape of those of the well-known Shirley Poppy, and are borne on long wiry stems. The delicate silken texture of the flowers, nodding on slender stems, produces an exquisitely dainty effect. Charming as cut flowers, lasting well if cut when the buds are opening. White, yellow, and orange.

**Oriental Poppies.** The single large Oriental Poppy is one of the most striking and showy of all the hardy garden plants. The tall stems, three feet in height, bear great flowers of brilliant scarlet six or eight inches across. The plants thrive well either in the full sun or in partial shade. They are a great addition to the hardy border, and are of especial value among shrubbery, lighting up the usually dark and somber clumps of shrubs. The flowers are splendid for cutting, lasting well if cut as they are opening. The plants bloom in June.

## HERBS

**English Lavender.** Each, 15 cents; dozen, \$1.50.  
**Mammoth Broad-Leaved Sage.** Each, 15 cents; dozen, \$1.50.





GAILLARDIA  
GRANDIFLORA  
—  
"BLANKET  
FLOWER"

en-yellow flowers in great profusion during July and August.

**Rigidus.** Fine upright habit of growth. Light yellow maroon center. About three feet high.

### HOLLYHOCKS

**Double Hollyhock.** We have excellent, healthy plants, grown from seed, that will flower the first summer. Give the plants a light covering of coarse litter for winter protection. This flower is justly becoming more popular every day, and we are now growing strong, hardy plants in six colors—White, red, pink, purple, yellow, maroon. Each, 20 cents; dozen, \$2.00.

**"Allegheny."** New Fringed Perpetual-Blooming. The flowers come single, semi-double, and double. They are seldom less than five inches across, and are beautifully fringed, fine form and delicate texture. Two to four buds form at the base of each leaf, where the old style Hollyhocks have but one or two. These buds open in succession, prolonging the flowering season until autumn. Fine plants that will bloom the first season. Mixed colors. Each, 20 cents; dozen, \$2.00.

### HIBISCUS—Rose Mallow

Tall, hardy, free blooming, with showy flowers. Each 20 cents; dozen, \$2.00.

**Crimson Eye.** The flowers are immense in size. The coloring is of the purest white, with a large deep spot of velvety crimson in the center of each flower. A well developed plant will produce several hundred of these flowers in a season.

**Militaris.** Delicate flesh pink flowers, tinged with a deeper color toward the center.

**Moschentos.** Flowers six inches in diameter, light rosy red, with a dark center.

### HYACINTHUS

**Candicans.** Summer Hyacinth. A beautiful and stately plant, with stems three to four feet high. It has large, pure white pendant, funnel-shaped flowers, in long racemes. Very fragrant. In the North the bulbs should be dug in the fall and wintered the same as Gladiolus.

Each, 15 cents; dozen, \$1.50.

### LATHYRUS Grandiflora—Perennial Pea

Clusters of rose-colored flowers from June to September. Each, 20 cents; dozen \$2.00.

### LOBELIA—Cardinal Flower

**Cardinalis.** Flowers rich fiery cardinal color. Each 20 cents; dozen, \$2.00.

### LYCHNIS

**Chalcedonica—Maltese Cross—Jerusalem Cross.** A most beautiful hardy perennial growing three feet high. Brilliant scarlet flowers all summer long. Very desirable for mass planting and for a combination of colors in the border. Each, 20 cents; dozen, \$2.00.

**Viscaria.** Ragged Robin. Double red flowers, very showy, flowers in June.

Each, 20 cents; dozen, \$2.00.

### LYSIMACHIA Clethroides

A fine, hardy plant, growing about two feet high, with long, dense, recurved spikes of pure white flowers. Each, 20 cents; dozen, \$2.00.

### LYTHRUM Roseum Superbum

A strong-growing, shrub-like plant, producing large spikes of rose-colored flowers from July to September. Each, 20 cents; dozen, \$2.00.

**Gaillardia Grandiflora or Blanket Flower blossoms all the summer long**

### GAILLARDIA or Blanket Flower

**Grandiflora.** Among the most attractive and effective of our hardy perennial plants. Will thrive in almost any position or in any soil. One mass of bloom from June till autumn. The gorgeous flowers, two to three inches in diameter, dark red-brown in center, with bands of crimson-orange and vermillion, are borne on long stems.

Each, 20 cents; dozen, \$2.00.

### GENISTA TINCTORIA—Dyer's Greenweed

Plants twelve inches high; are covered in the summer months with bright yellow pea-shaped flowers. Each, 20 cents; dozen, \$2.00.

### GERANIUM SANGUINEUM

Eighteen inches high; blooms the entire season; bright crimson flowers.

Each, 20 cents; dozen, \$2.00.

### GYPSOPHILA—Baby's Breath

**Paniculata.** Gypsophilas are valuable for bouquet making, either green or dried. They are very graceful and easily cultivated. Should be in every garden. Flowers white. Each, 20 cents; dozen, \$2.00.

### HELENIUM

**Autumnale superbum.** Valued for its profusion of golden yellow flowers. Long season of bloom and useful for cutting. Each, 20 cents; dozen, \$2.00.

### HELIANTHEMUM VULGARE—Sun, or Rock Rose

A most desirable hardy, evergreen, low-growing plant. Suitable for the border, rockery, or a dry, sunny location. During the months of July the plants are covered with a mass of blooms of various colors. Each, 20 cents; dozen, \$2.00.

### HELIANTHUS—Hardy Sunflower

These varieties of Helianthus are perfectly hardy in this locality, but in colder regions a protection of coarse litter will be required. The plants attain a height of about four feet, and in their blooming season, in August and September, they are nearly covered with bright golden-yellow double flowers, about the size of a Dahlia; they are very desirable for cutting.

Each, 20 cents; dozen, \$2.00.

### Forget-Me-Not

(See picture, page 84)

**Myosotis palustris.** The true perennial forget-me-not. A variety that is always in flower.

Each, 20 cts.; doz. \$2.00.



DOUBLE HOLLYHOCK



## Perennial Phlox

Perennial Phlox is one of the most popular and satisfactory of all hardy plants. It may be used very effectively as a border plant. For massing in beds, single specimens scattered among the early flowering hardy plants are very attractive. Their blooming period is from June 15th to late fall, and by cutting off the flower heads immediately after blooming, the blooming period is prolonged and the size of the flowers increased. They may be planted either in the fall or spring. Height two to three feet.

### Strong field-grown plants.

**Coquelicot.** Bright scarlet.  
**Cyran.** Large truss of pink flowers.  
**Eclair.** Flowers of immense size, carmine, salmon center, rosy white star.  
**Esclamonde.** Rosy lilac, shaded white; large purple center with white halo.  
**Faust.** Bright rose.  
**Independence.** White flowers and very early.  
**Isabey.** Orange-salmon, center purplish crimson.  
**Jeanne D'Arc.** Very large, pure white flower. A very strong grower.  
**LeMahdi.** Violet purple.

Each, 25 cents; dozen, \$2.50.

**Letchair.** Rich salmon, crimson eye.  
**M. Bezanson.** Fiery crimson, velvety purple eye.  
**Miss Lingard.** White, with delicate pink center; long spike; early.  
**Pantheon.** Salmon-rose; a fine variety, and should be planted more.  
**Purity.** The best pure white.  
**Richard Wallace.** Pure white with distinct violet eye.  
**Rosetta.** Deep rosy crimson-violet.  
**Sir Edwin Landseer.** Brilliant crimson.  
**The Pearl.** Pure white.

## PRIMULA—Giant Cowslip

**Veris Superba.** This is probably a hybrid Primrose, having the habit of a Polyanthus and the pale yellow color and the fragrance of the English Primrose. The plant is six to eight inches in height, is perfectly hardy, and flowers earlier and continues in bloom longer than any other Primrose. The flowers, measuring one to two inches across, are a pale yellow with a darker golden center. It is the best of all the hardy Primulas.

Each, 25 cents; dozen, \$2.50.

## PHLOX SUBULATA—Moss Pink

Fine for the rockery and border, spreading, and forming a beautiful rich green carpeted with fine pink star shaped flowers. An early blooming plant flowering in May.

**The Bride.** Pure white, with pink eye. Each 15 cents; per dozen \$1.50.

## Vick's Superb Peonies

Chinese Peonies are very desirable on account of their large size, fine colors and profuse blooming. They are perfectly hardy, and will succeed on any ground unless so wet that the water will lie on the surface in the winter and spring. May be planted either in the autumn or spring.

**Extra fine roots, each, 35 cents; dozen, \$3.50; except where noted.**

**Beaute Francaise.** Rosy pink. Center fringed.  
**Belle Chateline.** Rose striped. Center white salmon striped.  
**Berlioz.** Magenta rose, silver tipped, large, late.  
**Canarie.** White tinted sulphur. Very free blooming.  
**Duchess de Nemours.** Sulphur white. Fine shaped bloom.  
**Fidehire.** Rosy red, free bloomer.  
**Henry Demay.** Brilliant red, center fringed, strong grower.  
**Jeanne D'Arc.** Salmon rose, center white and carmine.  
**Louis Van Houttei.** Brilliant carmine purple. Very fragrant.  
**Officinalis rubra.** Rich deep crimson. A great favorite.  
**Queen Victoria.** White, center tipped with red. Early.  
**Seabreeze.** Pink. Extra large flowers. Fine.  
**Souvenir d' Auguste Mielliez.** Salmon rose.

**Tenuifolia flore pleno.** Fringed Leaf Peony. Brilliant double, deep crimson. Foliage graceful and finely cut. Earliest. Each, 50 cents.

## SIX SUPERB PEONIES

The Set of Six for \$2.25.

**Achille.** Light flesh-colored pink, changing to blush white, with an occasional creamy spot. Each, 35 cents.

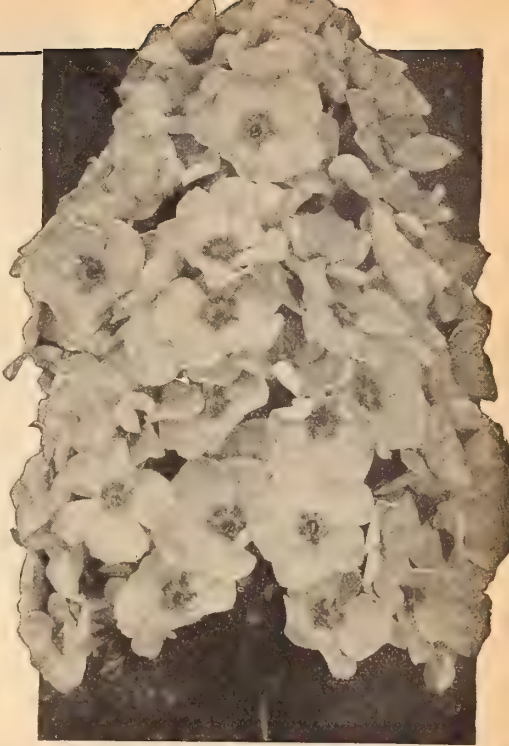
**Augustin D'Hour.** Dark carmine red. Midseason. Each, 35 cents.

**Delache.** Tall; immense globular heads of crimson maroon. Each, 35 cents.

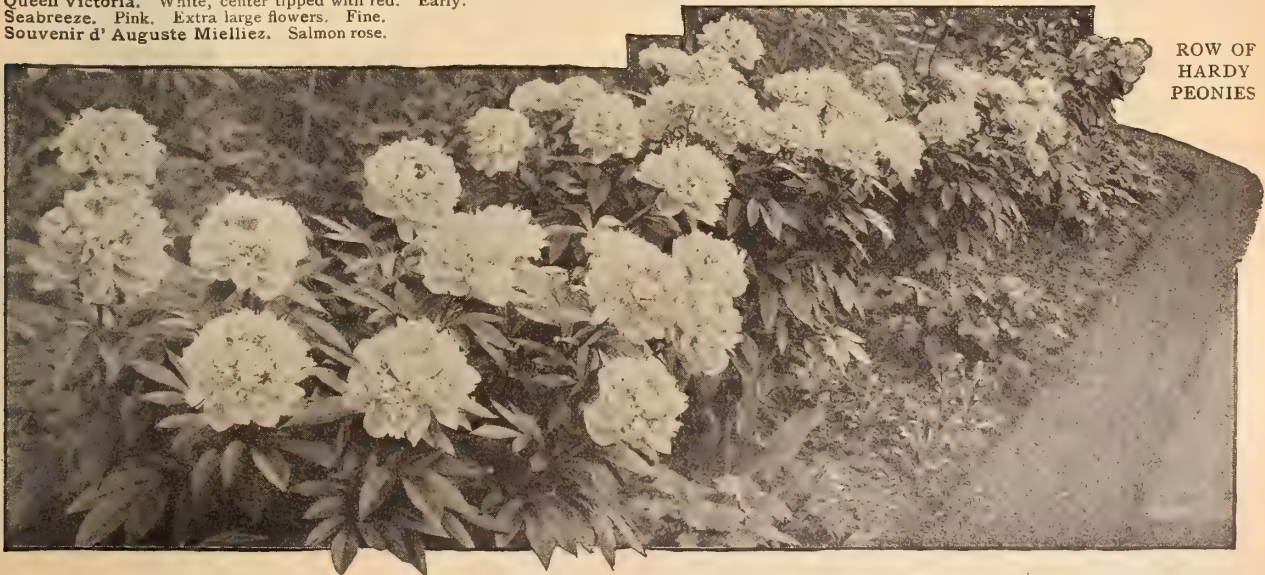
**Festiva Maxima.** Enormous full double bloom. Color, pure white with an occasional carmine spot. Each, 50 cents.

**Lady Lenora Bramwell.** Soft silvery pink. Each, 35 cents.

**Rosea superba.** Large convex bloom; very full, light pink. Each, 50 cents.



PERENNIAL PHLOX



ROW OF  
HARDY  
PEONIES

For border planting or for beds and groups of flowers it would be hard to find anything better than the Peony



**RUDBECKIA or Cone Flower**

The Rudbeckias are very decorative plants for shrubberies, flower borders or side of carriage drives. They thrive in any good garden soil and are very fast growing. A few small plants will soon grow into large clumps and produce hundreds of flowers.

**LACINIATA fl. pleno—Golden Glow.** The best known and most popular ever-blooming hardy plant grown. It is covered during the season with masses of rich golden-yellow double flowers on long stems that make it suitable for cutting. 6 to 8 feet high. Each, 20 cents; dozen, \$2.00.

**Newmani.** Single, golden-yellow, with black center; grows 3 feet high. Blooms

July to October. Each, 20 cents; dozen, \$2.00.

**Purpurea, or Giant Purple Cone Flower.** Flowers reddish wine-purple. Two to three feet high. Blooms July to October. Each, 20 cents; dozen, \$2.00.

**SALVIA PRATENSIS or Hardy Sage**

A very strong, hardy plant, with flower spikes of deep blue. In bloom from June to September. 12 to 18 inches high. Each, 20 cents; dozen, \$2.00.

**SEDUM, Stonecrop**

Each, 20 cents; dozen, \$2.00.

Excellent fleshy leaved plants for the rockery, carpet bedding or covering graves.

**Album.** Low-growing; pretty white flowers.

**Acre.** A pretty species for rockwork; forms a neat green carpet.

**Pulchrum.** A low-growing variety. Flowers pink.

**Spectabile.** A strong upright grower, with heads of showy rose-colored flowers.

**Telephium.** The well-known "Live Forever." Flowers pink, spotted white.

**SCABIOSA or Pin Cushion Flower**

**Caucasica.** One of the best hardy plants, with flowers of a beautiful lilac color. Blooms from June until fall. 18 to 25 inches high. Each, 20 cents; dozen, \$2.00.

**SHASTA DAISY**

A fine hardy perennial. The flowers are pure white, with a bright yellow center, average about four inches in diameter, and are borne on long, stiff, wiry stems. 12 to 18 inches high. Valuable for cutting, remaining fresh for two weeks or more. Each, 20 cents; dozen, \$2.00.

**SPIREAS, Meadow Sweet or Goat's Beard**

**ARUNCUS.** A grand variety three to five feet high, producing in June, long feathery panicles of white flowers. Each, 20 cents; dozen, \$2.00.

**Filipendula (Dropwort).** An old favorite garden plant, growing one to two feet high. Its fern-like leaves form a broad rosette, the slender stems bear numerous small white and pink flowers in June and July.

Each, 20 cents; dozen, \$2.00.

**Palmata elegans.** A beautiful hardy, free-flowering plant, with sweet-scented white flowers and red anthers; a very pleasing and useful plant for cut flowers and excellent for hardy herbaceous borders. Blooms June and July; about 3 feet high. Each, 20 cents; dozen, \$2.00.

**SWEET WILLIAM or Dianthus Barbatus**

The best varieties of Sweet William are of exceedingly beautiful colors, very large and almost perfect in form, with trusses of great size. They are fine cut flowers. The plants are perfectly hardy. Each, 25 cents; dozen, \$2.50.

**Holborn Glory Sweet William.** Mammoth flowers of beautiful shades. **Dunnett's Crimson Sweet William.** Dark crimson.

**VALERIANA RUBRA**

Plants about two feet high; blooms from June to October. Showy heads of reddish flowers. Each, 20 cents; dozen, \$2.00.

**VERONICA—Speedwell**

**Spicata.** One of the prettiest of the spring flowering herbaceous plants, bearing pretty blue flowers in long spikes. Valuable both for the garden and for cut flowers. These should be in every garden. Each, 20 cents; dozen, \$2.00.

**Rupestris.** A fine rock plant, growing three or four inches high, thickly matted green foliage, hidden in spring under a cloud of bright blue flowers. Each, 20 cents; dozen, \$2.00.

**YUCCA—Spanish Bayonet**

**Filamentosa.** Erect, stately plant with sharp pointed leaves. Perfectly hardy. Flowers creamy white; bell-shaped. Blooms in August. Each, 25 cents; dozen, \$2.50.

**TRITOMA—Flame Flower**

**McOweni.** A charming variety, coming into bloom very early; stems long, truss rather loose; color orange scarlet and yellow. Each, 25 cents; dozen, \$2.50.

**Pfitzeri.** A grand improvement on the old Tritoma uaria grandiflora, or Red Hot Poker. The flower spikes which are produced with considerably more freedom than in the old variety, are of gigantic size; frequently 4½ feet high, with heads of bloom over twelve inches long, of a rich orange-scarlet, shading to salmon-rose at edge. Flowers from July until frost.

Each 25 cents; dozen \$2.50.

The hardy plants listed in this catalogue are grown on our own farms. We make them our specialty, devoting a great deal of attention to the growing of hundreds of different varieties.

From early spring until late fall our perennial farms are in bloom from the earliest spring flowers to the late Anemone and the hardy Chrysanthemum in the fall.

Our experience selling direct to the planter for nearly 70 years, has proved that the best stock is the cheapest.



TRITOMA





## Vick's Hardy Lilies

A BED  
OF LILY  
LONGIFLORUM

**WE** are growing more varieties and larger quantities of Lilies each year on our own bulb farms, near Rochester, where, because of favorable soil conditions and our experience in Lily growing, we are able to secure unusually fine bulbs. Some of our Lilies come from Japan and other far-away places, but whether grown on our own farms or coming to us from other experts in Lily growing, our bulbs are intended to be true Vick Quality.

You will be more pleased than ever with our bulbs this year. They are in fine condition and of extra good size.

Lilies should be used more and more extensively in the hardy border. By planting different varieties a succession of bloom may be had from the first of June until the latter part of August. These flowers are not only very valuable as beautiful flowering plants in the garden, but are very handsome as cut flowers for the house.

**Auratum, the Gold-Band Lily of Japan.** A favorite variety for outside purposes. No garden, however small, should be without it. Its ease of culture and magnificent flowers of a delicate ivory color thickly dotted with chocolate-crimson spots with a gold band running through the center of each petal, make it one of the most desirable of garden lilies. Blooms about July 20th. Although quite hardy, for best results an extra covering should be given the bulbs in the winter. Three to five feet high. **Extra strong bulbs, imported direct from Japan.** . . .

**Canadense.** Our native Meadow Lily; flowers drooping, delicate scarlet-yellow throat, spotted black. Blooms about July 10th. 2 to 3 feet high. . .

**Candidum.** Common white lily; hardy, free bloomer, fragrant; known as Annunciation Lily or Madonna Lily. Our bulbs are ready in August, and should be planted as early as possible in the fall. Can be grown inside. Blooms in June. . .

**Elegans, Indian Chief.** Light red. . .

**Elegans atro sanguineum.** Blood-red. . .

**Elegans incomparabile.** Deep crimson, slightly spotted with black. . .

*The above three varieties of Elegans bloom about July 1st.*

**Elegans Batemanni.** A beautiful Japanese variety; flowers upright, of clear apricot-yellow; strong and hardy; should have a place in every garden. Blooms about July 15th. . .

**Elegans Wallacei.** Flowers rich vermilion-orange, spotted with maroon. Blooms in the autumn. Fine. . .

**Speciosum Album.** The Speciosum or Lancifolium are the most important of all the Japanese Lilies. Always satisfactory. The Album has large white flowers of great substance, with a greenish band running through the center of each petal. . .

**Speciosum Rubrum.** White and rose, rich crimson spots. Extra fine. . .

**Speciosum Melpomene.** Crimson, spotted with deep blood-red; each petal distinctly bordered with white. Same habit of growth as rubrum; stem dark and color of flower much deeper. . .

*The above three bloom about August 15th.*

**Japonicum longiflorum.** The hardy Easter Lily. Very fragrant. White, trumpet-shaped. Blooms about July 20th. . .

**Leichtlini Maximowiczii.** Orange-salmon with purple dots. Vigorous and showy. A refined "Tiger Lily." Blooms August 1st. . .

**Tenuifolium.** One of the most beautiful and delicate of the early-flowering varieties. Flowers dazzling vermilion-scarlet, suspended from slender, graceful stems; they are so bright as to attract attention from a great distance. The first to bloom. . .

EACH DOZ.  
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LILIUM  
SPECIOSUM RUBRUM

**We invite you to visit our Seed Farms, Greenhouses, Warehouses, Offices and Retail Store, when in Rochester. Make Vick's your headquarters. Visitors are always welcome.**





LILIUM TIGRINUM—The Old-Fashioned Single Tiger Lily

## Vick's Day Lilies

The Day Lilies are superb autumn flowers, desirable for planting on the side of a lawn or at the edge of shrubbery. They do well in shade and are much prized on that account. The plants can be set in autumn, and may be protected by a light covering of leaves the first winter after setting out.

**White Day Lily—Funkia Alba.** Broad, light green leaves. Flowers large, pure white, fragrant. Each 25 cents; dozen \$2.50.

**Blue Day Lily—Funkia Japonica.** Light blue; narrow foliage. Each, 20 cents; dozen, \$2.00.

**Variegated Leaved Day Lily—Funkia undulata media picta.** Lavender. Foliage light green, beautifully variegated with white. Each 25 cents; dozen \$2.50.

**Hemerocallis aurantiaca major.** Golden Day Lily. One of the very finest hardy herbaceous plants. The plant is extremely vigorous in its habit. The large and attractive foliage rises to a height of two feet, and is of a deep green. The flower spikes are strong, bearing in succession as many as twelve flowers which are seven to eight inches across; of a rich orange-yellow, quite distinct. Each 30 cents; two for 50 cents.

**Hemerocallis flava.** Lemon Lily. A fine, hardy plant, producing an abundance of large, fragrant, golden-yellow flowers. Each 20 cents; dozen, \$2.00.

**Hemerocallis Dumortieri.** Very dwarf, flowering in June. Color rich yellow; buds and reverse of petals bronze yellow. Each, 25 cents; dozen, \$2.50.

**Hemerocallis Middendorffii.** The earliest to bloom. Flowers bell-shaped, rich chrome yellow. Blooms early in May. Two feet high. Each, 25 cents; dozen, \$2.50.

**Tigrinum splendens.** The old-fashioned single Tiger Lily. Perfectly hardy. Especially desirable for planting in the border with other hardy plants. Blooms about August 1st. . . . . EACH DOZ 20 \$1 75

**Tigrinum fl. pl.** Double Tiger Lily. Blooms about August 15th . . . . . 20 2 00

**Pardalinum.** A California Lily resembling our native Canadense. Flowers red and yellow, with dark spots. Blooms about July 10th. . . . . 20 1 85

**Superbum.** Our native Turk's Cap Lily. Three to six feet high and bearing ten to twenty flowers. Yellow to orange-red, with dark spots. Blooms July 15th. . . . . 15 1 25

## LILIUM MYRIOPHYLLUM A New Lily

Mr. E. H. Wilson, the famous plant collector, secured the bulbs now offered, in Northwestern China. He considered this the finest of all lilies. It is absolutely hardy, and is also excellent for forcing. It has been predicted that this will become the Easter Lily of the future. The flowers are white, slightly suffused with pink and with a beautiful shade of canary yellow at the center, extending part way up the trumpet. It is delightfully perfumed, reminding one of jasmine, and yet lacks the heavy, oppressive odor of most lilies. Blooms out of doors early in July. Awarded a Gold Medal by the Massachusetts Horticultural Society, and a First Class Certificate by the Royal International Exhibition London, 1912.

Each, 90 cents; dozen, \$8.50.

## THE MAGIC FLOWER

When Nature wakes from her winter sleep the anxious gardener looks for the first appearance of budding life, and along with the snowdrop he finds the deep green foliage of the Magic Flower cutting like a narrow sword through the frozen soil, making a brave showing with the lilies that have pushed their way into the warm sunshine. The eager gardener looks daily for a sign of an expanding bud; other flowers fill the air with fragrance: at last the hot days of July come—and still on sign of blooming. Soon the foliage turns brown and disappears. "Is it dead? Have I spent my money only to be disappointed?" Wait a bit longer—and the flower-stalks spring like magic from the bare ground, growing like slender pillars that are soon crowned with an umbel of lily shaped flowers from six to sixteen in number, that are charming in their delicate coloring of lilac-pink, shaded and pencilled with clear blue.

Well chosen was the name "Magic Flower," for it will produce its flowers in the most humble garden, growing and blooming in ordinary soil. If you grow lilies you can grow the Magic Flower successfully. It is perfectly hardy.

Each; 25 cents; dozen, \$2.50.



THE MAGIC FLOWER

### VICK'S DAY LILY COLLECTION

FIVE VARIETIES OF LILIES, 90 Cents

White Day, Lemon Day, Blue Day, Golden Day, Variegated Leaved Day.

A Complete Collection of Fine Varieties—Postpaid to Your Door for 90 Cents

### VICK'S SUPERB LILY COLLECTION

Six Extra Choice Varieties Delivered at Your Door, Postpaid, for \$1.00

Auratum, Tenuifolium, Longiflorum, Elegans Incomparable, Speciosum Rubrum, Speciosum Album

Six varieties, carefully selected for garden planting . . . . . 6 for \$1.00

The three Speciosum Lilies—Rubrum, Album, and Melopene—should be in every garden. Beautiful in form and color



# VICK'S HARDY SHRUBS



A small amount of money spent on Shrubbery will beautify your home and increase your joy and satisfaction

## ALTHEA

**Rose of Sharon.** Beautiful, erect-growing shrubs, of the easiest culture, bearing large, showy flowers early in the fall. Very desirable because of flowering when few other shrubs are in bloom. Grows three feet high. **Double Red, Double White and Double Pink.** each, .35 cents; dozen, \$3.50.

## BERBERIS—BARBERRY

**Japanese.** A handsome low-growing form of the Barberry, of Japanese origin. Foliage abundant, leaves small, obovate; flowers reddish; berries bright crimson. In autumn the leaves turn a bright red and make a great display. A beautiful plant for the lawn or the front of the shrubbery, or for a low-growing ornamental hedge. **Each, 35 cents; dozen, \$3.50.**

**Purple-Leaved.** A very handsome shrub, growing from three to five feet high, with violet-purple leaves and fruit. Very fine when planted in groups or in a hedge. **35 cents each; dozen, \$3.50.**

## CALYCANTHUS or Sweet-Scented Shrub

Very desirable on account of the peculiarity and very pleasing fragrance of its wood; its foliage is rich; flowers of a rare chocolate color, with an agreeable odor. The Calycanthus blossoms in June and intervals through the summer; very desirable. When full grown, six to eight feet. **Each, 35 cents.**

## CLETHRA ALNIFOLIA

### or Sweet Pepper Bush

Very hardy; blooms every season without fail; cold never harms it; flowers pure white, in spikes three to six inches long. A bed of Clethras will perfume the air for a long distance around; a single sprig will fill a room with its delightful fragrance. It is a neat, upright-growing shrub, and is not only valued for its beauty and sweetness, but is now in demand for the honey-bee to feed upon. The honey is almost white, thick and of fine flavor. The plant is very easy of cultivation; never fails to bloom after a hard winter, and is worthy of a front place in every garden. **Each, 35 cents. Dozen, \$3.50.**

## CORNUS or Dogwood

**Cornus Elegantissima.** One of the finest variegated shrubs; of rapid growth; the leaves are broadly margined with white, while some are entirely white. **Each, 35 cents.**

**Cornus Mascula.** (Cornelian Cherry). A small tree, native of Europe, producing clusters of bright yellow flowers early in spring before the leaves. **Each, 35 cents.**

## ELAEAGNUS or Oleaster

**Elaeagnus Longipes.** (Japan Silver Thorn). This is a remarkably beautiful new shrub from Japan. In July the plant is covered with bright red berries of large size and edible, the flavor being pungent and agreeable. Laden with fruit the bush is highly ornamental, and the fact that its leaves remain fresh till late in the autumn gives it additional value for garden decoration. **Each, 35 cents.**

## EXOCHORDA or Pearl Bush

**Exochorda grandiflora.** Its foliage is broad, lanceolate-ovate, sharp-pointed. The flowers are pure white, in racemes of five or six, with spoon-shaped petals, which are very narrow and stand apart at the base. A delicate fragrance adds to its charm. **Each, 35 cents.**

Please remember, we prepay mail and express charges on shrubs, east of the Mississippi River. 10c extra, each, west of it

## GOLDEN BELL

**Forsythia Fortunei.** These splendid old shrubs, growing eight to ten feet tall eventually, light up the garden with glinting masses of yellow, very early in spring before the leaves appear. **Each, 35 cents. Dozen, \$3.50**

**Suspensa.** (Weeping Golden Bell). The long, willowy branches arch gracefully over to the tips with trumpet-shaped yellow flowers in early spring. **Each, 35 cents. Dozen, \$3.50**

## EVERBLOOMING BUTTERFLY BUSH

### BUDDLEIA

A magnificent new shrub that gives unbounded satisfaction wherever grown. It blooms from early summer until cut down by hard frosts, and thriving on all sorts of soils. The flowers are borne in long cylindrical spikes which are produced in great profusion all summer. The color is a soft shade of lilac and the flowers have a pleasing fragrance which seems particularly attractive to butterflies. Strong growers, blooming the first season from spring planting. Grow two to four feet high. In spring the old plants should be cut back to the ground and they will throw up a fresh strong growth.

**Strong pot grown plants, each, 25 cts.; doz., \$2.50.**

**Extra large field grown plants, each, 50 cents; dozen, \$5.00.**

## VICK'S

America's Oldest  
Mail-Order  
Seed House

Largest Growers of  
ASTERS  
in the World



EVERBLOOMING BUTTERFLY BUSH



**SPIREA PRUNIFOLIA OR BRIDAL WREATH**

Slender, Drooping Limbs, Entirely Covered with Double White Flowers

**SPIREA****MEADOW SWEET**

The Spireas are the best known and most popular of all the flowering shrubs. The different varieties cover a long season of bloom and produce blossoms of many different colors. We give a list of the best varieties in many colors. **Strong Plants, 35c; dozen \$3.50**

**Arguta.** Flowers clear white and freely produced. The best very early-flowering white Spirea grown.

**Anthony Waterer.** Very low growing, and bearing flat heads of deep rose blossoms all through the late part of the Summer.

**Bumaldi.** The everblooming Spirea. Dwarf and compact in habit; leaves are bright green, with variegations of yellow; flowers deep pink. Blooms throughout the Summer and Autumn. Very desirable shrub.

**Opulifolia.** (Nine Bark). June. A strong-growing shrub, with white flowers along the stems.

**Aurea.** (Golden Spirea). One of the best of our yellow leaved shrubs. Golden yellow during the whole Summer.

**Thunbergii.** (Thunberg's Spirea). April and May. Low-growing, rounded form, delicate, drooping, yellowish-green lanceolate leaves, which take and retain the most lovely tints in Autumn. Small abundant white flowers in May. Fine for planting in front of porches.

**Prunifolia or Bridal Wreath.** Pure white flowers, resembling daisies, blooming in May and remaining on for weeks. Very hardy and of rather dwarf habit. Grows to a height of from four to five feet.

**Van Houtteii.** June. The finest and most satisfactory of all Spireas, either singly or among other shrubs. It forms a round and graceful bush with arching branches, which in June are set from end to end with the beautiful white blossoms. A shrub which cannot be overlooked. Picture on Page 91.

**Billardi.** Rose colored flowers. Blooms nearly all summer. Five to seven feet high.

**Billardi alba.** Same as Billardi with white flowers.

• **Callosa alba.** Dwarf White Spirea. White flowering, dwarf, bushy symmetrical form. Flowers all summer. One to three and one-half feet high.

Spirea Van Houtteii is the most widely planted and popular of all the Spireas. See picture on page 91 of this book

Hydrangea Arborescens is rightly called Hills of Snow; a mass of pure white flowers cover the bush nearly all season

**DEUTZIA**

**Crenata latifolia.** New. Large panicles of eighteen to twenty single blossoms. The flowers are pure white with a center of golden yellow. Very attractive. Strong plants . . . . . Each, 35 cents; doz. \$3.50

**Crenata Magnifica.** New. A great acquisition. The pure white double flowers are over an inch in diameter. The plant is vigorous and the flowers are borne in large trusses. Strong plants . . . Each, 35 cents; doz. \$3.50

**Lemoinei.** Flowers single, pure white, and entirely covering the branches. Strong plants . . . . . Each, 35 cents; doz. \$3.50

**Pride of Rochester.** One of the finest varieties, producing large, double white flowers; the back of the petals slightly tinted with rose. Blooms early in June. Strong plants . . . . . Each, 35 cents; doz. \$3.50

**Gracilis.** Blooming in May or June, it forms a round dense bush, covered with snow-white flowers . . . . . Each, 35 cents; doz. \$3.50

**Candida.** Profuse-flowering; generally hardy, and well adapted to ordinary soils. Double pure white flowers, borne in panicles. Strong plants . . . . . Each, 35 cents; doz. \$3.50

**HYDRANGEA, HILLS OF SNOW**

**Arborescens.** This magnificent American Hydrangea is the most beautiful hardy flowering shrub introduced in many years. It attains a height of five to six feet, and about the same breadth. It is of far more graceful habit than Hydrangea paniculata grandiflora. The form of the panicle is much like that of Hydrangea Hortensis. Trusses large and beautifully formed; the blooms are of the very largest size, pure snow white; the foliage is finely finished. Fine, strong, well-grown plants. . . . . Each 50 cents; doz. \$5.00

**Paniculata Grandiflora.** One of the finest hardy shrubs in cultivation. The flower trusses are immense heads from nine to twelve inches in length and nearly as broad. Color purest white, afterward changing to deep pink as the season advances. It blooms in July, at a time when no other shrub is in flower and remains beautiful until destroyed by frost. Hardy as a lilac bush. The plants we offer will all bloom the first season. **First size, each, 50 cents; two for 80 cents. Second size, each, 30 cents; doz. \$3.00.** Parcels Post or Express prepaid on all shrubs at these prices.



**DEUTZIA**  
**PRIDE OF ROCHESTER**

**HYDRANGEA PANICULATA GRANDIFLORA**

Immense Cone-Shaped Heads of White Flowers, Turning Late in the Season, to Shades of Pink and Red.



## SNOWBALL

**Viburnum plicatum.** Japan Snowball. The pure white flowers are very lasting, and the beautiful foliage is not attacked by insects. Of moderate growth. Each, 35 cents; dozen, \$3.50.

**Viburnum Opulus sterilis.** The well-known Snowball. Produces large clusters of snow-white flowers in May. Each, 35 cents; dozen, \$3.50.

## KERRIA or Globe Flower

**Kerria Japonica.** A valuable shrub, bearing single yellow flowers all summer; in Winter its green branches contrast in marked manner with other shrubs. Each, 35 cents; dozen, \$3.50.

**Variegated.** Especially good for its round dwarf habit and finely variegated silver and green leaves. Valued for planting edges of shrub borders. Each, 35 cents; dozen, \$3.50.

## PURPLE FRINGE

**Smoke Tree.** A spreading shrub, completely covered in summer with large, feathery, purplish panicles, having the appearance of clouds of smoke. Each, 35 cents; dozen, \$3.50.

## SAMBUCUS or Elder

**Aurea.** (Golden Elder.) A large, golden-leaved bush. Requires the full sunlight, when it is one of the best of yellow shrubs. Each, 35 cents; dozen, \$3.50.

## SYMPHORICARPOS or Snowberry

**Symphoricarpos racemosus.** (Snowberry). July. Bushy form, pink flowers in Summer; white, waxy berries in Autumn. Each, 35 cents; dozen, \$3.50.

**Vulgaris.** (Indian Currant). Low-growing, spreading, graceful habit; foliage attractive; noteworthy for the beauty of its clusters of red berries. A beautiful shrub and particularly useful for covering hillsides and rough places. Each, 35 cents; dozen, \$3.50.

## TAMARIX

Hardy shrub, with very graceful and handsome feathery foliage. The plant flowers so freely that in the early summer it is one mass of pink bloom, completely hiding the foliage. Each, 35 cents; dozen, \$3.50.

## SYRINGA or Mock Orange

**Syringa, Common.** Large white flowers, very hardy. Each, 35 cents; dozen, \$3.50.

**Syringa, Golden.** Large, deep yellow leaves; white flowers; bush hardy. Each, 35 cents; dozen, \$3.50.



JAPAN SNOWBALL

## WEIGELA

**Candida.** This is the very best of all the white flowering Weigelas. A strong, upright, erect grower; flowers pure white, and produced in great profusion in June and continues to bloom through the entire summer. Each, 35 cents; dozen, \$3.50.

**Eva Rathke.** A charming new variety; flower brilliant crimson, a beautiful, distinct, clear shade; flowers twice in one season. Each, 35 cents; dozen, \$3.50.

**Rosea.** A hardy and beautiful shrub, bearing in May a profusion of rose-colored flowers. Each, 35 cents; dozen, \$3.50.

**Variegated.** Leaves variegated, green, yellow and pink. Flowers delicate rose and pink. A charming shrub. Each, 35 cents; dozen, \$3.50.

## LILACS

The lilacs have always been popular on account of their hardiness, vigorous growth, abundant foliage and graceful and luxuriant sweet-scented flower panicles. The large flowered Red, White and Purple, are among the most desirable tall growing shrubs, growing eight to ten feet. The named varieties do not grow so high.

**Large flowered, red.** Purple-red flowers, standard variety. 35 cents each.

**Large flowered, purple.** Bluish-purple flowers, standard variety; always good. 35 cents each.

**Large flowered, white.** Cream white flowers; very fine. 35 cents each.

**Pres. Grevy.** The most popular blue variety. A profuse bloomer; flowers double, blue and very fragrant. 75 cents.

**Charles X.** Large shining leaves; trusses large, rather loose, flowers single, reddish-purple. 75 cents.

**Ludwig Spaeth.** Planted very extensively in all parts of the country. Trusses large, flowers single purplish red. Very desirable. 75 cents.

**Frau Dammann.** One of the most popular and leading varieties. Large panicles of single white flowers, in great profusion. 75 cents.

**Josikaea.** (Josika's or Hungarian Lilac). Dark, shining leaves, and purple flowers in June, after the other Lilacs have done flowering. 75 cents.



THE POPULAR AND WELL KNOWN LILAC

Special prices quoted on lists of shrubs, ornamental trees and evergreens for large plantings. Fruit trees and bushes listed in Our Fruit and Ornamental Tree Book.

Remember that Express and Parcel Post charges on shrubs are paid to all points east of the Mississippi River





WISTARIA

## WISTARIA Chinese Purple

The Wistaria is a strong, rapid grower, desirable for trellises, porches, etc. When well established it blooms profusely. The light purple flowers are very showy, and are produced in long racemes. A large plant in bloom is a beautiful sight. Perfectly hardy.

Strong Roots, each, 50 cents; dozen, \$5.00.

## TRUMPET VINE

*Tecoma radicans*. A fine, hardy, climbing plant, producing clusters of large, trumpet-shaped, orange-scarlet flowers about three inches long. The foliage is also very beautiful. This plant on the lawn makes a pretty bush if the tops are cut back. Each, 35 cents; dozen, \$3.50.

## CLEMATIS

The Clematis is the favorite climber of the world. It makes a rapid growth, producing its showy flowers in great profusion. In the fall give the plants a good top-dressing of well-rotted manure. The following spring spade in the manure, mixing well with the soil, and it will prove very beneficial.

*Henryii*. Single; the finest white Clematis; very large, fine flowers; grows rapidly; blooms freely during summer and autumn. Each, 50 cents; dozen, \$5.00.

*Jackmani*. Flowers large, intense violet-purple; produced in great profusion, blossoms from four to six inches in diameter. The most beautiful hardy climber in cultivation. Each, 50 cents; dozen, \$5.00.

*Madame Edouard Andre*. A valuable variety; distinct new color; fine bright crimson, with no purplish shade about it. Large flowers, borne so profusely that it is called *Crimson Jackmani*. Each, 50 cents; dozen, \$5.00.

*Paniculata*. A remarkably beautiful climbing plant. Flowers pure white, star-shaped, about one inch in diameter, borne very freely in large clusters; will last several days as cut flowers, retaining their freshness and fragrance. The plant is a strong, quick grower. One of the most desirable and useful of climbing plants. Each, 35 cents; dozen, \$3.50.

The illustrations above show four of the hardiest and best climbing vines. Shade your porches with one or more of them

## AMPELOPSIS

*Veitchii*. Japanese or Boston Ivy. This hardy variety clings firmly to the side of a house or wall, and will soon form a perfect mass of foliage. The leaves overlap with wonderful regularity. In autumn this handsome climber assumes its greatest beauty, becoming a glowing mass of the brightest shades of crimson, scarlet and orange.

Strong vines, each, 35 cents; dozen, \$3.50.

*Quinquefolia* Ivy, American or Virginia Creeper. A native climber of vigorous growth; a fine green in summer, changing to rich crimson in fall. It affords shade quickly; desirable for covering walls, verandas or trunks of trees.

Strong vines, each, 35 cents; dozen, \$3.50.



BOSTON IVY AND CLEMATIS PANICULATA

## AKEBIA QUINATA

A hardy, strong growing, Japanese climbing plant, with curious purplish flowers, ornamental berries and handsome compound leaves, composed of five leaflets. An interesting plant. Each, 25 cents.

## CINNAMON VINE

A very rapid climber of incomparable beauty, with flowers of exquisite perfume. The growth is very rapid and the vines cover a large space in a short time. It is grown from a tuber, is perfectly hardy and will live out of doors without protection. The vine dies to the ground each fall, and starts growth early in the spring.

Tubers, Each, 15 cts.; two for 25 cts.; dozen, \$1.25.

## HONEYSUCKLE

*English Ivy*. Extensively used for window boxes and vases in the summer. For outdoor display in window boxes at hotels and private residences its value is widely recognized. A good climbing plant for the house.

Each, 35 cts; two for 50 cts; doz., \$3.00.

*Heckrottii*. New Sweet Scented Everblooming Honeysuckle. A magnificent variety, the finest yet produced. Remarkable for the large size and delicious fragrance of its flowers; color bright carmine red, with yellow and buff markings at the ends of the tubes. A healthy and vigorous grower and blooms continually the whole season. Each, 35 cents; dozen, \$3.50.

*Hall's Japan Honeysuckle*. An evergreen variety from Japan. Flowers pure white, changing to yellow. Very fragrant.

Each, 35 cents; dozen, \$3.50.

## DUTCHMAN'S PIPE

*Aristolochia Siphon*. The *Aristolochia* is a floral curiosity. It is a rapid growing hardy climber, attaining a height of thirty or more feet.

Strong plants, each, 50 cts; doz., \$5.00



DUTCHMAN'S PIPE



# Vick's

# ROSES



WM. R. SMITH  
(See Page 96)

THE day has come when the Hybrid Tea or Ever-blooming variety has found its place at the head of all roses for Garden Culture. Here we have a rose with the free flowering qualities of a Tea Rose, the hardiness necessary for outdoor planting and the rich, brilliant and varied colors of all other classes. Too much cannot be said in praise of the roses belonging to this wonderful family. In the following list we have combined the finest of the newer kinds, ranging in colors from pure white to the deepest velvety carmine. A garden of these varieties is beautiful from May until late fall.

## VICK'S HARDY EVERBLOOMING ROSES

**British Queen.** (New.) A pure white rose of wonderful beauty and fragrance. Bears large, beautifully formed buds and flowers from June until winter. Very strong grower. Awarded Gold Medal by the National Rose Society of England.

Strong, 2-year-old, No. 1 plants, each, 60 cts.; doz., \$6.00

**Caroline Testout.** One of the most popular and valuable bedding varieties; large, full, globular flowers of bright, satiny rose, with brighter center; very free blooming and fragrant.

Strong, 2-year-old, No. 1 plants, each, 50 cts.; doz., \$5.00

**Freiherr von Marshall.** A deep carmine red rose with long-pointed, well-shaped buds, and large, full flowers that grow in wonderful profusion. It is a constant bloomer, flowers can be picked from it practically all summer. The foliage is dark green, heavy and of good quality. A fine rose for any garden.

Strong, 2-year-old, No. 1 plants, each, 50 cts.; doz., \$5.00

**Gruss en Teplitz.** Color a rich scarlet, shading to velvety crimson; very fragrant; a free, strong grower, and the most profuse bloomer known to us, being covered with flowers the whole season. The foliage is extremely beautiful, all the younger growth being of a bronzy plum color.

Strong, 2-year-old, No. 1 plants, each, 50 cts.; doz., \$5.00

**Jonkeer J. L. Mock.** Great Imperial Pink, reverse of petals rosy, silvery white; blooms of magnificent size and form, produced freely on stiff, erect, strong stems. Buds are very finely formed, with high-pointed centers. The strongest grower in the Hybrid Tea class. An everbloomer and very fragrant.

Strong, 2-year-old, No. 1 plants, each, 50 cts.; doz., \$5.00

**Rhea Reid.** A Rose that has become famous among Rose growers in all parts of the country. It is as large as American Beauty, as double as the wonderful rose "Bridesmaid," as fragrant as La France, of as rich a striking red color as Richmond, and one that continues in bloom the entire season. It produces a profusion of buds and flowers on long canes. Unusually strong, vigorous habit. It is a hardy and rapid grower.

Strong, 2-year-old, No. 1 plants, each, 50 cts.; doz., \$5.00

**H. V Machin.** (New.) A gigantic, intensely black-grained, scarlet-crimson rose carried on sturdy stems with beautiful foliage. A wonderful exhibition variety. Awarded Gold Medal by National Rose Society.

Strong, 2-year-old, No. 1 plants, each, 75 cts.; doz., \$7.50

**Kaiserin Augusta Victoria.** Pearly white, softly tinted with lemon in center; fragrant. A strong, healthy grower, with bold, beautiful foliage. Particularly hardy, and one of the most beautiful roses in cultivation.

Strong, 2-year-old, No. 1 plants, each, 50 cts.; doz., \$5.00

**Killarney Pink.** A rose that has won fame both as a hardy garden variety and as a winter cut flower. The long, pointed, sparkling, brilliant pink buds, and the very double full blown flowers are very handsome. A free flowering, hardy, strong growing variety, and one of the best that can be planted.

Strong, 2-year-old, No. 1 plants, each, 50 cts.; doz., \$5.00

**Killarney White.** Of the same beauty of form, both in bud and flower, as the pink, but of a soft, pure white color that is making it very popular.

Strong, 2-year-old, No. 1 plants, each, 50 cts.; doz., \$5.00

**Maman Cochet Pink.** The queen of all the Pink Garden Roses. The buds are full, large and firm. The color is a rich pink, changing to silvery rose. The flowers are perfectly double, extra large, and of splendid substance.

Strong, 2-year-old, No. 1 plants, each, 50 cts.; doz., \$5.00

**Maman Cochet White.** Identical, with its parent, Maman Cochet Pink, except in color, which is snowy white, with sometimes a faint tinge of pale blush. It has the same freedom of bloom, form of buds and flowers as Maman Cochet Pink.

Strong, 2-year-old, No. 1 plants, each, 50 cts.; doz., \$5.00

**Madame Maurice de Luze.** (New.) One of the largest and finest of all the new Everblooming varieties. A superb flower of deep rose-pink, with a rich carmine-pink center. Strong growing.

Strong, 2-year-old, No. 1 plants, each, 60 cts.; doz., \$6.00

A collection of one each of any six roses listed on this page, of your own selection, for \$2.85, prepaid





MRS. AARON WARD

**Mrs. Aaron Ward. (New)**

A new Everblooming Rose remarkable for its free blooming quality. Flowers are of splendid form, full double, very attractive, deep golden-orange, shading to creamy yellow and white at edge of petals. Buds are cupped and very deep. Foliage an attractive, rich bronzy-green.

(See picture above)

**Strong, 2-year plants,**  
each, 60 cents;  
dozen, \$6.00.

**Madame Edouard**

**Herriot. (New)** (Daily Mail Rose) Awarded the "Daily Mail Gold Cup" for the best new Rose at the London International Horticultural Exhibition. A vigorous grower, hardy, bronze green foliage. Bud coral-red, shaded at base with yellow. The open flowers are of a superb coral-red shaded with yellow and bright rosy-scarlet, passing to shrimp red. (See picture on this page). **Strong, 2-year-old, No. 1 plants, each, 75 cents; dozen, \$7 50.**

**Juliet.** Color on outside old gold; inside a rich, rosy red, changing to deep rose as the flowers expand. Good shape; deliciously fragrant. Award of merit, Royal Horticultural Society. **Strong, 2-year plants, each, 50 cents; dozen, \$5.00.**

**Sunburst.** An elegant Rose of good, vigorous habit; flowers large, of elongated cup form; very beautiful in buds; color a rich yellow with orange-yellow center.

Each, 50 cents; dozen, \$5.00

**CAROLINE MARNIESSE****A Hardy Rose. Unequalled for Cemetery Planting**

The flowers are creamy white, medium size, very double and sweetly tea-scented. There is not a week from late in May till the middle or latter part of October that large quantities of blossoms cannot be picked from these plants. Growth low and somewhat spreading, making it especially valuable for the borders of beds and for massing.

Each, 30 cents; dozen, \$3.00.

**These Everblooming Roses are the choicest of their kind. Strong and hardy**

**Madam Ravary.** A golden yellow Everblooming Hybrid Tea Rose, having long, pointed buds that open into large, full, orange-yellow flowers. Very free flowering, and has made many friends both in this country and in Europe. (See center picture) **Strong, 2-year-old, No. 1 plants, each, 50 cts.; doz., \$5.00**

**Radiance.** One of the finest of all outdoor roses. A brilliant, rosy carmine, with rich pink tones coming in the open flower; shape of the flower is fine, largest size and very full, with cupped petals. The bud is large and very beautiful, the stems long, and both buds and flowers held erect on strong stems. The foliage is a rich, dark green, very handsome. Radiance blooms constantly and is very fragrant.

**Strong, 2-year-old, No. 1 plants, each, 50 cts.; doz., \$5.00**

**Richmond.** A scarlet-crimson Hybrid Tea of the most striking hue; long, pointed buds and beautifully formed flowers on tall, erect stems; handsome dark foliage; a rapid grower and constant producer. One of the best and most popular of the newer varieties. **Strong, 2-year-old,**

**No. 1 plants, each, 50 cts.; doz., \$5.00**

**Wm. R. Smith.** A heavy bearing Hybrid Tea Rose of the highest quality. Velvety cream white petals with delicate pink shadings, buff yellow at base.

The center of the bloom is a heart of pink, beautiful in form and very fragrant. Foliage of a glossy rich green, and the stems, holding the buds and flowers, long and sturdy.

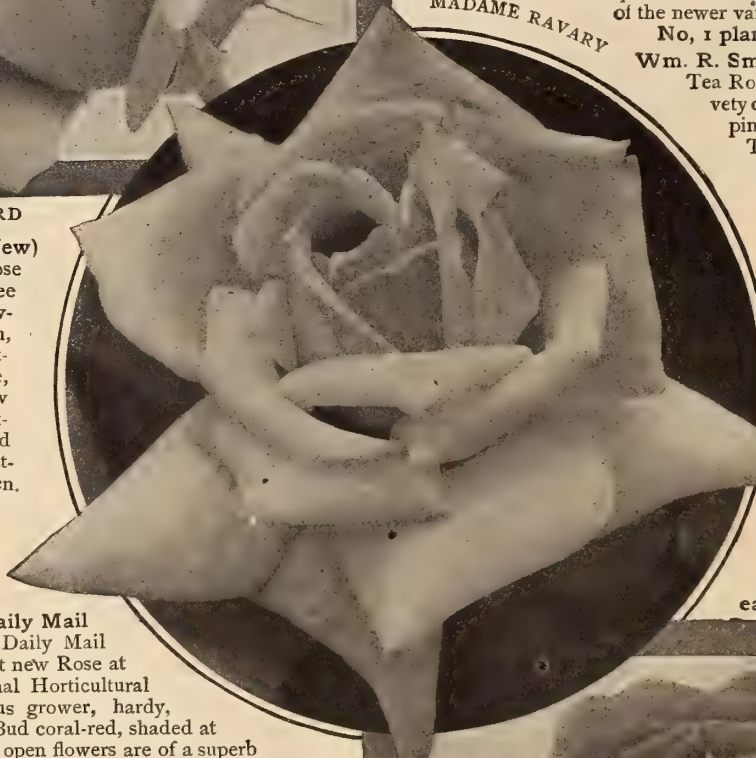
(See picture, page 95)

**Strong, 2-year plants,**  
each, 50 cts.; doz., \$5.00

**Mrs. Wakefield Christie**

**Miller. (New)** A pink shaded salmon bedding rose with petals of large, oddly crimped, waved edges, resembling those of the Peony.

Large size flowers, freely produced on erect, strong growing bush; mildew-proof foliage. **Strong, 2-year-old, No. 1 plants,**  
each, 60 cts.; doz., \$6.00.



MADAME EDOUARD HERRIOT



## Hybrid Perpetual Roses

Extra strong 2-year field plants, each, 50 cts.; doz., \$5.00.

**American Beauty.** One of the largest and most beautiful of the hardy Roses. Flowers very large and double, and delightfully fragrant. Rich rosy crimson color. Plant a strong grower and continuous bloomer. It will make a much stronger growth if not allowed to bloom the first summer. Pinch off most of the buds; or better still, pinch off all of them. This will not be necessary the second season, as the plant will then be strong enough to make both growth and bloom.

**Anne de Diesbach. Glory of Paris.** Brilliant carmine; long pointed buds; large, finely-formed, compact flowers; very sweet free bloomer. Valuable for forcing, and a superior garden sort.

**Baron de Bonstetten.** Splendid shade of dark red, changing to velvety maroon.

**Clio.** Flowers large, of fine globular form; flesh-color, shaded in center with rosy pink. Vigorous grower and handsome foliage. One of the finest Roses.

**Frau Karl Druschki. Snow Queen.** A new hardy Rose and a grand variety. The flowers are large and full; bud long; color a pure white. The plant is a very vigorous grower and produces flowers throughout the season. Sometimes called the White American Beauty.

**Gen. Jacqueminot.** Rich crimson-scarlet, very bright and velvety. It produces beautiful buds that are much admired, and in great demand.

**John Hopper.** Extra fine bright pink. Very free bloomer. An Excellent Rose.

**Marchioness of Londonderry.** A white, free-flowering Hybrid Perpetual. Flowers of great size, measuring five inches across, perfectly formed and carried on long stems; color very white; petals of great substance, shell-shaped and reflexed. Highly perfumed. Growth vigorous and foliage very handsome. One of the finest.

**Margaret Dickson.** Distinctly a garden Rose. A splendid white Hybrid Perpetual, combining the sterling qualities of entire hardness, vigorous growth, and repeated blooming, with the fragrance, beauty of form, and waxy texture of the finest Tea Roses. The flower is of magnificent form and very large. In color it is the most beautiful waxy-white, shining with almost the luster of a pearl.

**Marshal P. Wilder.** Cherry carmine, flowers large, semi-globular, full, well formed, very fragrant. Continues to bloom long after most Hybrid Perpetuals are out of flower.

**Mrs. John Laing.** Delicate pink; large, fine form; very fragrant. Flowers continuously the entire season in the open ground.

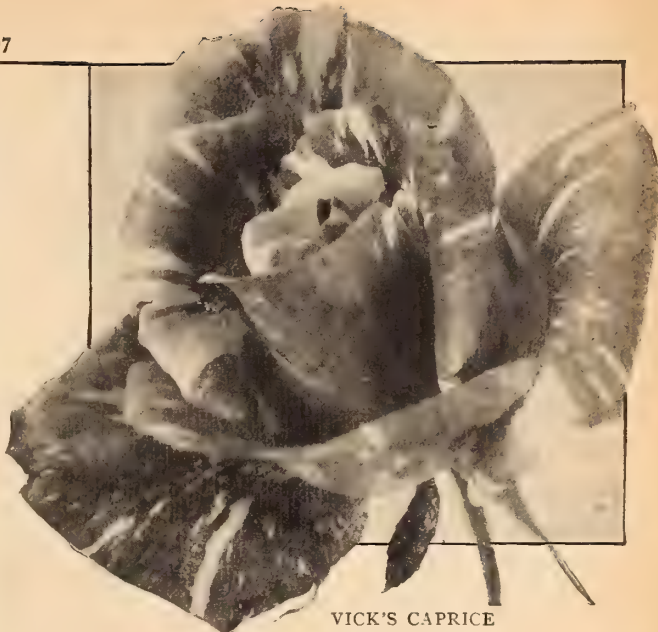
**Paul Neyron.** Probably the largest Rose in cultivation, and one of the best bloomers. Color a bright shining pink, clear and beautiful. The plant is an exceptionally strong grower, often making shoots four to five feet in one season, each shoot bearing an immense flower. A rose we highly recommend.

**Persian Yellow.** The flowers are nearly double and borne in immense clusters. The color is a deep golden yellow. The plants are a perfect mass of flowers in June.

**Prince Camille de Rohan.** Rich, dark, velvety crimson, shading to maroon; very double and sweet.

**Soleil d'Or, or Sun of Gold.** This magnificent variety is perfectly hardy, robust and vigorous, making a growth of about three feet in height. The buds are conical-shaped, of a lovely hue, the flower when expanded being well incurved and about three and one-half inches in diameter. Superb in color, varying from gold and orange-yellow to reddish gold, shaded with nasturtium-red.

**Ulrich Brunner.** Brilliant cherry-red; fine form and finish. Plant vigorous and hardy. One of the best.



VICK'S CAPRICE

## Vick's Caprice

Strong 2-year bushes, each, 50 cents; doz., \$5.00.

A variegated, hardy Perpetual Rose; large, fragrant and attractive flowers of satiny pink, distinctly striped, and shaded with white and bright carmine; full and deep; blooms at frequent intervals during the entire season; very healthy and vigorous.

## Vick's Moss Roses

The peculiarities of the Moss Roses are the delicate prickles which crowd their stems, and the beautiful mossy covering of their opening buds. They are strong, vigorous growers, and are perfectly hardy.

Strong two-year old bushes, each, 50 cents; dozen, \$5.00.

**Henri Martin.** A magnificent Moss Rose. Extra large, and perfectly double. Color a deep rosy carmine, shaded a bright crimson.

**Madame de la Rochlambert.** Bright pink.

**Princess Adelaide.** Pale rose. Good in the bud and flower. Foliage dark.

**White Bath.** Pure white. Best of the white Moss Roses.

## Pot Plants of Tea Roses

Strong plants, each, 15 cents; dozen, \$1.50

**Christine.** A red and maroon colored rose of high quality.

**Lady Hillingdon.** Golden yellow; long, pointed buds, very free flowering; fragrant. Gold Medal National Rose Society.

**Madison.** Creamy white; large flowers; better than Bride.

**Madame Camille.** Large; rosy-flesh color; fine garden variety.

**Madame De Vatre.** Rich crimson scarlet; double and sweet-scented.

**Mrs. Ben R. Cant.** Clear, bright rose-red; flowers all season.

**Pink Maman Cochet.** See page 95 for description.

**White Maman Cochet.** See page 95 for description.

**Perle des Jardins.** Deep yellow; one of the best roses grown.

**Sunrise.** Orange and copper, scarlet and yellow. A rare and beautiful combination of colors.

## Pot Plants of Everblooming Roses

Strong plants, each, 25 cents; cozen, \$2.50

**Gruss en Teplitz.** See description on preceding page.

**Killarney White.** See description on preceding page.

**Milady.** Similar to Richmond in color, but darker; very full; fragrant; sturdy; productive.

**Monsieur R. Annand.** Deep pink, finely tinted and formed.

**Ophelia.** Salmon-flesh, shaded with rose; beautifully formed.

**Sunburst.** Orange copper or golden yellow; strong grower.

**Wellesley.** Bright, clear, salmon-rose; very full.

**White Testout.** Same as Caroline Testout, but pure white.

**William Shean.** Largest pink Hybrid Tea; very beautiful.



FRAU KARL DRUSCHKI—SNOW QUEEN

We have had the experience of over half a hundred years in growing, packing and shipping seeds, plants and bulbs



# Vick's Hardy Climbing Roses

Hardy Climbing Roses can be used to such great advantage in so many ways that they are always a popular variety. They may be trained over porches, trellises, arbors or fences, or be grown as individual plants, and they soon form a beautiful bush more ornamental than many shrubs. They may be trimmed to any shape or height desired.

**Tausendschoen.** It well deserves its name, "The Rose of a Thousand Beauties." Its free flowering qualities and beautiful white and delicate pink blossoms make it a favorite, and it is grown in large quantities for winter forcing. The flowers are borne in large clusters from June to August. Each flower measures about one and a half inches in diameter, and is of a beautiful soft rose color, changing to rosy-carmine. The plant is of strong, vigorous growth, perfectly hardy, and a good variety to plant where a strong climber is desired. The shining, dark green foliage is never attacked by disease or insects.

Strong, two-year plants, each, 50 cents; dozen, \$5.00.

**Climbing American Beauty.** This is known as the best hardy climbing rose in the large-flowering class. The flower is as large, as beautiful, and as double as the American Beauty, which is so well known as one of the most attractive roses, that it does not need a description. The bush is a rapid grower, very hardy, has fine, abundant foliage, a very prolific bloomer, and has proven a success wherever it has been planted. We are offering this year strong two-year-old bushes with good roots to our customers at the following prices:

Two-year, very strong plants, each 50 cents; dozen, \$5.00.

**Helene, A Climbing Rose of Rare Beauty.** A seedling from the Crimson Rambler. It is of very robust growth, throwing up canes ten to fifteen feet high in a single season. The color is a pure soft violet-rose, almost blush; base of petals faint yellow. The buds are carmine, finely ciliated or mossed, and are borne in clusters of from twenty-five to fifty. Perfectly hardy.

Strong, two-year plants, each, 50 cents; dozen, \$5.00.

**Dorothy Perkins.** In foliage, growth, and habit of blooming it is remarkably like the Crimson Rambler, but the flowers are more double and of a beautiful shell-pink color, and hold a long time without fading. The flowers are also sweetly scented, a characteristic not possessed by most roses of the Rambler family.

Strong, two-year plants, each, 50 cents; dozen, \$5.00.

**Lady Gay, Rose of the highest merit.** Resembles Crimson Rambler in habit and general effect. The flowers are of a delicate cherry-pink color, fading to soft white, of good size and delicately perfumed. The foliage is very profuse and of a glossy deep green shade. The plant is a vigorous grower and perfectly hardy.

Strong, two-year plants, each, 50 cents; dozen, \$5.00.

## The Rambler Roses

Strong, two-year plants, each, 50 cents; dozen, \$5.00.

**Crimson Rambler.** The Old Favorite Rambler Rose. Bright crimson flowers in great clusters.

**White Rambler.** Another favorite growing like Crimson Rambler, with white flowers in great clusters.

**Pink Rambler.** Beautiful pink clusters of flowers in great profusion.

**Yellow Rambler.** Deep golden-yellow flowers in large clusters, covering the entire bush.

**The Above Rambler Collection—One Plant of Each Color—The Four Plants, \$1.50.**

**THE PHILADELPHIA RAMBLER.** A cross between the popular Crimson Rambler and the fiery crimson Hybrid Perpetual, Victor Hugo, and identical with the Crimson Rambler except that the color is a brighter crimson, and never fades. A valuable acquisition to the climbing roses.

Two-year plants, each, 50 cents; dozen, \$5.00.

## Dwarf Rambler Roses

**Crimson Baby Rambler.** A Dwarf Rose that blooms from early June to December. This beautiful rose produces clusters of flowers as large as the old Crimson Rambler. The color is a charming brilliant red, and it blooms with great profusion. As a pot rose it has few equals, as it blooms continuously.

Strong young pot plants. Each, 15 cents; dozen, \$1.50.

Strong two-year field grown plants. Each, 50 cents; dozen, \$5.00.

**White Baby Rambler.** This rose is a little beauty, with pure white double flowers. A constant bloomer and as grand a bedder as the Crimson Baby Rambler.

Two-year dormant plants, each, 50 cents, dozen, \$5.00.  
Pot plants, each, 25 cents; doz. \$2.50

**Baby Dorothy, Clear pink.** A dwarf form of the climbing rose, Dorothy Perkins, which it resembles in foliage and color of flower. The flowers are produced in large clusters. Two-year dormant plants, each, 50 cts.; doz., \$5.00  
Pot plants, each, 25 cents; doz. \$2.50



Too much cannot be said in favor of the Climbing American Beauty. It is giving complete satisfaction wherever planted



# Vick's Dahlias

No flowers are easier to grow, or respond more readily to care and attention, than Dahlias; but three things are of prime importance: a moderately rich soil, sunshine and water. Plant about May 1st, covering the tubers three inches deep. If many shoots start up, thin them out to one or two. When the plant is six inches high, cut it off above the second joint. This will cause it to throw out four branches, making a strong, bushy plant, which will withstand winds and produce flowers freely. Cultivate well until they begin blooming; after that stir only the surface soil, just enough to prevent a crust forming.

## CACTUS DAHLIAS

The Cactus Dahlias have large, loosely-formed, Chrysanthemum-like flowers. The long, narrow petals are variously rolled or twisted. The flowers, many of which are nodding on slender stems, are the most graceful and artistic of all the Dahlias.

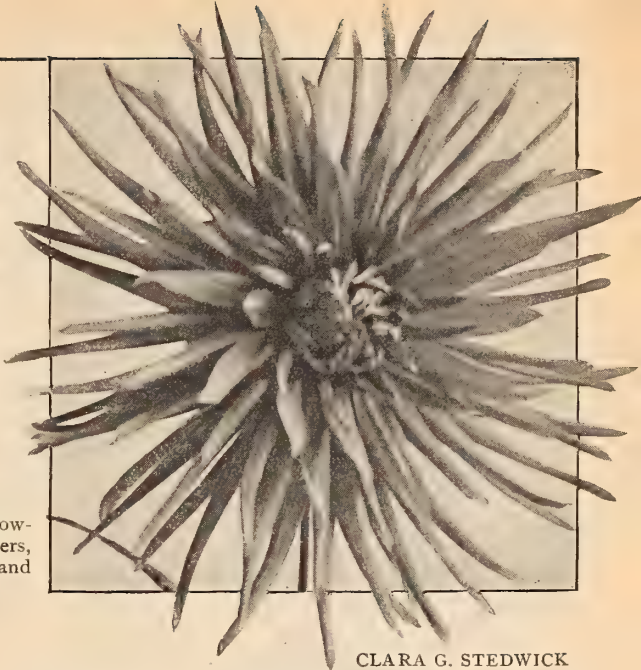
**Bornemann's Liebling.** Very delicate, soft rose-pink. Extra fine. Each, 25 cents; doz., \$2.50.

**Charles Clayton.** Color is a most intense red, so vivid as to dazzle the eye. Flowers are large in size and are produced freely. Stems are long, holding the flower well above the foliage. Each, 25 cents; doz., \$2.50.

**Clara G. Stedwick.** Clear, bright salmon, shaded yellow at base of petals. Large flowers, with long, slim, twisted petals. (See cut above). Each, 20 cents; doz., \$2.00.

**Countess of Lonsdale.** Rich salmon, tinted apricot. One of the easiest of all the Cactus Dahlias to grow, and produces more blooms than any other Cactus Dahlia on our farm. Each, 20 cents; doz., \$2.00.

**Dainty.** Primrose shaded and tipped soft pink. A delicately beautiful flower. Each, 25 cents; doz., \$2.50.



CLARA G. STEDWICK

**General Butler.** A rich, velvety crimson maroon, tipped white. Occasionally a solid crimson flower on the same stalk. One of the most attractive "Fancy Cactus" varieties. (See cut below). Each, 20 cents; doz., \$2.50.

**Genista.** A beautiful deep orange, quickly changing to gold. An exquisite blending of colors not common in Dahlias. Free-flowering, fine shaped flowers, borne well above the foliage, upon stiff, wiry stems. Plants strong and sturdy, of an upright, pleasing growth. Each, 20 cents; doz., \$2.00.

**Iceberg.** Ivory white, long, narrow petals. A variety that is very popular wherever grown. Each, 25 cents; doz., \$2.00.

**J. H. Jackson.** One of the finest Cactus Dahlias in existence. An exceptionally satisfactory all-around Dahlia; one of the most prominent for garden decoration; superb as a cut flower variety, and equally good as an exhibition flower. In color a perfectly gorgeous, deep velvety blackish-maroon. Gigantic in size. Every Dahlia lover should grow this variety. Each, 20 cents; doz., \$2.00.

**Kriemhilde.** An exquisite combination of ivory-white and pink. "Queen of the Cactus Dahlias." A fine variety for cutting with good keeping qualities. Each, 20 cents; doz., \$2.00.

**Lady Fair.** Florets are long and divided at the end. Color primrose tinged with soft pink. In addition to the normal florets there is a profusion of long, narrow, thread-like filaments on secondary florets of white. Each, 20 cents; doz., \$2.00.

**Matchless.** Dark, velvety maroon. Each, 20 cents; doz., \$2.00.

**Mary Service.** Pinkish apricot, or heliotrope. A very free blossoming variety. Flowers stand well above the foliage. Many call this a rich salmon-pink shade. Each, 20 cents; doz., \$2.00.

**Prince of Orange.** One of the most attractive varieties. A rich shade of old gold at the outer petals, with a bright yellow center. Very showy. Each, 20 cents; doz., \$2.00.

**Standard Bearer.** Bright, pure scarlet flowers; large, thick and full to the very center; of symmetrical and perfectly round form, petals semi-quilled. Extraordinarily productive and one of the best red cut flowers. Each, 25 cents; doz., \$2.50.

**Volker.** Clearest canary yellow; large, exquisite cactus form. An early and profuse bloomer, the plants being literally covered the entire season. Each, 20 cents; doz., \$2.00.

**Zulu.** A large, beautiful Cactus Dahlia possessing great merit. The color, a rich, dark velvety maroon, almost black. Petals are long-quilled and sharply pointed. Flower of perfect form. Fine as cut flowers. Each, 20 cents; doz., \$2.00.



GENERAL BUTLER

No flowers are easier to grow, or respond more readily to care and attention than Dahlias.



## Giant-Flowering or Colossal Dahlias

The Colossal type includes all the giant-flowering Dahlias, intermediate between the broad, flat petaled Decorative Dahlia and the common, quilled Show Dahlia. Colossal fully portrays the idea—gigantic flowers of great depth, massive in proportions, and globular in shape; petals are cup-shaped, and placed in exact regularity. Plants are strong, sturdy and robust.

**American Beauty.** The flowers are of gigantic size and produced on long, heavy stems, well above the foliage. The color of this acquisition is a gorgeous wine-crimson. "American Beauty" is the largest and best of its color in existence, and can be highly recommended.

Each, 35 cents; doz., \$3.50.

**Reggie.** A Colossal Dahlia of beautiful cherry-red color. A variety that will give the very best of satisfaction, producing flowers upon long stems, well above the foliage. Each, 25 cents; doz., \$2.50.

**Rose.** One of the largest of recent introduction: a remarkable Dahlia of decided formation. Color, an exceptionally deep rose shade. Flowers carried erect on extra long stems. Exceedingly free flowering.

Each, 25 cents; doz., \$2.50.

**Yellow Colosse.** An ideal Dahlia that appeals to everyone on account of its distinct color, gigantic size and beautiful appearance. This magnificent variety is the best exhibition yellow in existence, being rich, refined and delicate. Large, showy flowers of pure primrose-yellow are produced very freely on long, graceful stems. Each, 40 cents; doz., \$4.00.

## POMPON DAHLIAS

Each, 15 cents; dozen, \$1.50.

**Amber Queen.** Rich, clear amber, shaded apricot.

**Bobby.** Plum color. One of the best.

**Darkness.** Dark maroon.

**Fairy Queen.** Sulphur-yellow, edged pink.

**Prince Charming.** Cream, very heavily tipped purple.

**Sunbeam.** Crimson. Fine.

**Snow Clad.** Small. White. Free flowering.

**Winifred.** White, tipped lavender. Small.



## SHOW DAHLIAS

The old-fashioned double Dahlia. Ball-shaped flowers; the petals quilled or tubular. As a class they are more formal than the Cactus or Decorative. They still retain their old-time popularity on account of their long, stiff stems and their lasting qualities as cut flowers.

**Arabella.** Early; free flowering, long stems, light sulphur-yellow, shaded peach blossom on edges; a fine flower.

Each, 20 cents; doz., \$2.00.

**Acquisition.** An exquisite shade of deep lilac. Very large, with cup-like petals. Especially good for cut-flower purposes.

Each, 20 cents; doz., \$2.00.

**Bird of Passage.** White, tipped with pink; very beautiful.

Each, 15 cents; doz., \$1.50.

**Ethel Vick.** (A. D. Livoni). Beautiful soft pink. Well formed flowers with long stems. Very desirable for cutting. A very reliable old standard variety, grown by almost every Dahlia lover. Perfectly round, ball-shaped flowers, each petal being very tightly quilled, and arranged in exact irregularity. Free flowering.

Each, 25 cents; doz., \$2.50.

**James Vick.** Very fine purple crimson. Large, deep, double flower, and should be in every garden.

Each 35 cents; doz., \$3.50.

**Miller's Red.** Dark crimson-scarlet. Large and free flowering. Each, 15 cents; doz., \$1.50.

**Norma.** A Dahlia that should be grown by all flower lovers. In our estimation a model of perfection. Flowers are large, perfectly quilled, and of a most exquisite shade of live, bright orange. The blossoms are produced in remarkable profusion.

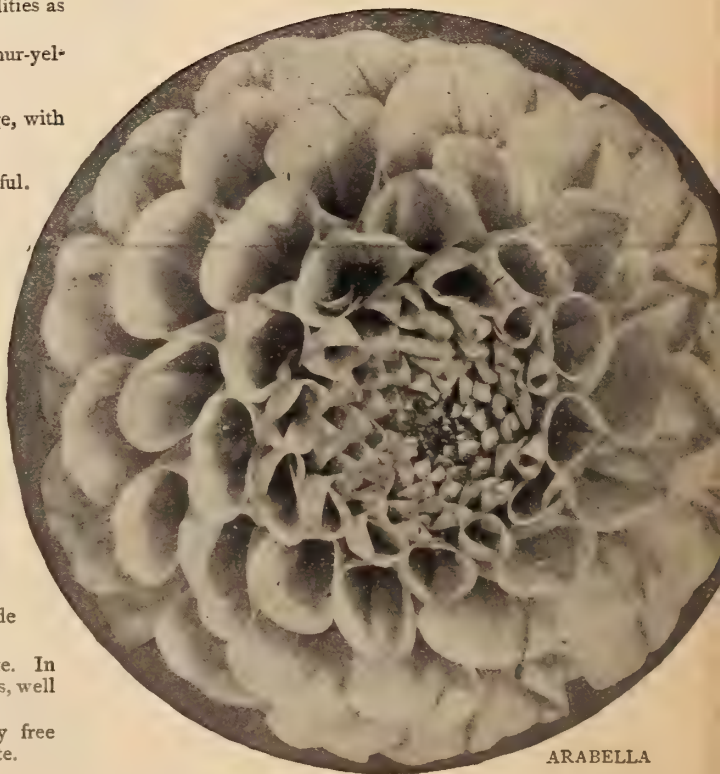
Each, 20 cents; doz., \$2.00.

**Red Hussar.** Brilliant glowing scarlet. Lighter shade than Miller's Red. Each, 15 cents; doz., \$1.50.

**Storm King.** The most reliable white Show Dahlia to date. In color, a pure white. Flowers produced on good stems, well above the foliage. Each, 20 cents; doz., \$2.00.

**Stradella.** Beautiful deep purple-crimson. Exceptionally free flowering. Stems long and wiry. One of the finest to date.

Each, 20 cents; doz., \$2.50.



ARABELLA

Jack Rose is a handsome Decorative Dahlia of a rich old rose color that is a general favorite where ever planted.



## DECORATIVE DAHLIAS

Decorative Dahlias are intermediate between Cactus and Show. The massive flowers are not so globular as those of the Show, and the petals are broad and somewhat flattened.

**Clifford W. Bruton.** Canary yellow. Large, long-stemmed flowers. Each, 20 cents; doz., \$2.00.

**Dolly or Sylvia.** White, edged pink. Very attractive. Each, 20 cents; doz., \$2.00.

**Freedom.** The flowers are a beautiful deep crimson color, and are produced with such ease and freedom that we chose "Freedom" as the most appropriate name. One of the earliest flowering. Each, 25 cents; doz., \$2.50.

**Jack Rose.** Rich glowing crimson. Color of the favorite old rose, General Jacqueminot. Early and profuse bloomer. (See cut page 100). Each, 20 cents; doz., \$2.00.

**Jeanne Charmet.** One of the most beautiful Dahlias ever produced. The flowers measuring from seven to ten inches in diameter, borne on stiff, wiry stems eighteen to twenty-four inches long. In color it is a most exquisite shade of lilac-pink, daintily shading to pure white towards the center, with a tinge of light yellow at the margins. Each, 35 cents; doz., \$3.50.

**Le Grand Manitou.** This wonderful new Dahlia is the largest and grandest Fancy Decorative Dahlia in existence. The color is pure white, artistically striped, splashed and blotched deep violet-purple. The plants occasionally bear a solid purple colored flower. Each, 50 cents; doz., \$5.00.

**Lyndhurst.** Rich glowing, clear, deep scarlet. Fine long-stemmed flowers. Each, 20 cents; doz., \$2.00.

**Mme. Van den Daele.** A grand Dahlia of highest Decorative type. Flowers large, of extra fine form, and produced upon exceptionally good stems, well above the foliage. As a cut-flower variety it is unsurpassed. The color is white, deeply edged with silvery-pink. A Dahlia which bears the highest recommendations. Each, 25 cents; doz., \$2.50.

**Miss Minnie McCullough.** Soft yellow, overlaid with bronze. Good keeper and cut flower. Each, 20 cents; doz., \$2.00.



DECORATIVE DAHLIA—LE GRAND MANITOU

**Minos.** One of the finest Dahlias to date. The flowers are very large and exceedingly beautiful, borne on long, graceful, wiry stems. The color is intense velvety maroon, almost black. An ideal cut-flower variety. Fine for all uses. Each, 20 cents; doz., \$2.00.

**Mrs. Hartong.** Light fawn, suffused with pink. Large. Fine form. Each, 20 cents; doz., \$2.00.

**Mrs. Winters.** Pure snow white. Fine shape. Each, 20 cents; doz., \$2.00.

**Souvenir de Gustave Doazon.** The largest Dahlia in existence. Flowers full, pleasing shade of orange-red. Often measures over nine inches in diameter. Plant a tall, vigorous grower, with heavy, glossy green foliage. Should be in every garden. Each, 25 cents; doz., \$2.50.

## PEONY-FLOWERED DAHLIAS

A new type of Dahlia; flowers are semi-double, having two, three or more rows of broad, flat, loosely arranged petals, surrounding a rich golded-yellow center. Petals are often pointed, and sometimes twisted, and in some varieties the inner row of petals twists and curls over the center, giving the appearance of a Peony, hence its name. The blossoms are very effective and graceful, and adapt themselves to bouquets better than any other type. Some are very large and fluffy.

**Geisha.** A combination of brilliant scarlet and gold, with an exquisite ring of clear yellow at the center. The pride of the Peony-Flowered Dahlias. Each, 50 cents; doz., \$5.00.

**Glory of Baarn.** Soft pink. Each, 35 cents; doz., \$3.50.

**La Rainte.** Beautiful lavender-pink. Very free. Each, 25 cents; doz., \$2.50.

**Mrs. Jacques Futelle.** An exquisite lemon-yellow, heavily splashed with scarlet. Medium size. Very attractive. Each, 25 cents; doz., \$2.50.

**Queen Emma.** Hollyhock-pink, inner petals banded with gold. Each, 20 cents; doz., \$2.00.

**Queen Wilhelmina.** Best pure white in existence. Large. Each, 25 cents; doz., \$2.50.



Queen Wilhelmina—Peony-Flowered Dahlia, The best pure white dahlia of its kind in existence



# Vick's Gladiolus

**Each, 10 cents; 3 for 25 cents; dozen of one variety, 75 cents, except where noted**  
**America.** The most popular Gladiolus in cultivation. Splendid large flowers of a beautiful clear flesh pink color. The petals are well rounded, the flowers broadly opened, and the fine showy spike is of good length. The plants are vigorous growers, not subject to disease, and make extra good bulbs.

**Attraction.** Flowers very large. A beautiful soft color, between rose and scarlet. The large throat is pure white.

**Augusta.** Fine white, faintly tinged with lavender. Free bloomer and has a long season, producing many side branches.

**Beauty.** Earliest of all. Light pink with chocolate throat.

**Brenchleyensis.** Vermilion-scarlet. Fine old variety. Early, vigorous and a free bloomer. Many flowers open at one time.

**Eugene Scribe.** The large, well opened flowers are a soft rose-pink heavily flaked with bright carmine. Edges of flowers ruffled. Large spikes.

**Glory of Holland.** A pure white with lavender anthers. Flowers very large, fine.

**Independence.** A brilliant rose pink, with richly marked throat, a long strong spike of wax-like flowers. One of the best.

**Isaac Buchanan.** Light yellow, flushed with deeper color.

**Jeau Dieulafoy.** Large flowers of creamy pink, blotch of bright crimson in throat.

**Madam Monneret.** Soft pure pink; a little carmine in the throat.

**May.** Beautiful light flesh pink, flaked with carmine at the edges. Good for all purposes.

**Mephistopheles.** Striking deep scarlet heavily marked with yellow and dark crimson.

**Mrs. Beecher.** Very large flowers of deepest scarlet. Early and a strong grower.

**Mrs. Francis King.** Bright scarlet, extremely vigorous with long spike of large flowers.

**Niagara.** Immense flowers of soft primrose yellow; slightly tinged, rose-pink in throat.

**Rosella.** Very large handsome flowers of deep rose color.

**Shakespeare.** Light pink suffused with carmine. A fine early variety.

**"1900."** Rich, deep scarlet with large white blotch. Hardy and free flowering. A splendid, late blooming variety.

**Rochester White.** See novelties and specialties page 5.

## COLLECTIONS

In order to give our customers an opportunity to make their own collections of standard varieties at moderate cost, they may select:

**Any 3 (all different), priced at 10 cents, for . . . 25 cents**

**Any 6 (all different), priced at 10 cents, for . . . 45 cents**

**Any 12 (all different), priced at 10 cents, for . . . 80 cents**

KUNDERDI GLORY



AMERICA

**Baron Hulot.** Dark, velvety, violet-blue. Best of the blues. Each, 15 cents; three for 40 cents; six for 75 cents; twelve for \$1.40.

**Canary Bird.** Clear canary yellow, without markings. The best yellow. Each, 15 cents; three for 40 cents; six for 75 cents; twelve for \$1.40.

**Cardinal.** Intense cardinal scarlet. Deep, rich color and large flowers. Each 15 cents; three for 40 cents; six for 75 cents; twelve for \$1.40.

**Kunderdi Glory.** Flowers Beautifully Ruffled. A new type of Gladiolus and one of the most valuable introductions of recent years. Each petal is distinctly ruffled at the edge. The immense flowers are a beautiful cream-pink color. Leaves very broad. Strikingly distinct in plant and flower. The stock we offer was all grown on our own farm the past year. Each, 15 cents; three for 40 cents; twelve for \$1.40.

**Melrose.** One of the largest Gladioli in cultivation. Light pink ground, flaked with rose. Very desirable. Each, 20 cents; six for \$1.00; twelve for \$1.70.

**Peace.** The flowers are extra large, of perfect form, on a heavy, straight spike. Color a pure white, with pale lilac featherings on the interior petals. A charming flower, either singly or for massing. The bulb is large and the plant is a remarkably strong grower. Each, 25 cents.

**Primulinus.** A rare species from South Africa. The flowers are small, of a primrose yellow color, and borne on tall, slender stems. Blooms the whole season. Each, 25 cents; six for \$1.25; twelve for \$2.25.

**Princes.** Immense, broadly open flowers of clear, brilliant scarlet. The "Amaryllis flowered" Gladiolus. Each, 20 cents; three for 40 cents; twelve for \$1.40.

## MIXTURES

**Vick's Named Mixture.** This is a mixture of over 150 named varieties to which we are adding every year. It comprises every class, and will furnish a profusion of bloom from July till frost. Many of these varieties cost us several times as much as we charge for the mixed.

Six, 30 cents; dozen, 55 cents; hundred, \$4.00; charges prepaid.

**Choice Mixed.** All colors in fine assortment. Six, 20 cents; dozen, 30 cents; hundred, \$2.00; charges prepaid.

## GROFF'S HYBRID GLADIOLI

### In Mixtures Only

This race of Gladioli contains many striking shades. The plants are more robust than those of the older, or Gandavensis type, and the flowers are larger, more spreading and have broader throats. The famous "America" is one of the many choice varieties taken from Groff's Hybrids.

**Light and White Hybrids.** Beautiful collection of light and dainty shades. Six, 30 cents; dozen, 50 cents; hundred, \$3.50; prepaid.

**Red Hybrids.** All shades of red, scarlet and crimson. Six, 30 cents; dozen, 50 cents; hundred, \$3.50; prepaid.

**Blue Hybrids.** Includes all the shades of clematis, lilac and heliotrope: a beautiful strain. Six, 45 cents; dozen, 80 cents; hundred, \$6.00.

**Mixed Hybrids.** All shades in grand mixture. Six, 30 cents; dozen, 50 cents; hundred, \$3.50.



# House and Bedding Plants

## ABUTILON or Flowering Maple

Hard-wooded greenhouse shrubs, blooming almost the entire year; well adapted for house culture. Flowers bell-shaped and drooping.

Each, 15 cents; dozen, \$1.50.

**Eclipse.** A trailing variety, leaves beautifully marked deep green and yellow; the flowers are bright yellow, with crimson throat.

**Golden Fleece.** Fine. Pure yellow.

**Snow Storm.** Pure white.

**Savitzii.** The leaves are green with a heavy white border.

**Souvenir de Bonn.** Leaves deep green with white borders.

## AGERATUM

One of the best bedding plants, being literally a sheet of bloom from early summer until frost.

Each, 15 cents; dozen, \$1.50

**Princess Pauline.** Dwarf growth. Flower a light sky blue.

**Stella Guernsey.** The deepest blue; exceptionally free-flowering

## ANTHERICUM

Each, 20 cents; dozen, \$2.00.

**Vittatum variegatum.** An elegant house plant, with dark green leaves bordered with pure white. Long spikes of star-shaped flowers. Fine for hanging baskets.

**Picturatum.** Center of the leaf white, bordered with green.

## ASPARAGUS

Each, 20 cents; two for 35 cents.

**Sprengeri or Maiden Hair Fern.** One of the most rapid-growing plants of which we know making great masses of fine feathery foliage in a very short time. The stems grow several feet in length, and are valuable for use in cut-flower work. Fine for hanging baskets or large pots. As a house plant it has no superior, as it withstands the indoor temperature well.

**Plumosus nanus, or Lace Fern.** Beautiful on account of its light feathery growth, which very much resembles lace. The graceful dark green foliage surpasses the Maiden Hair Fern in delicacy of texture. Splendid as a pot plant and for decorative purposes.

## Vick's Flowering Begonias

This class of beautiful plants is deservedly popular. The beauty of foliage combined with graceful flowers and free-blooming qualities, make the plants highly desirable. As pot plants for winter decoration they have few equals.

Each, 15 cents; dozen \$1.50.

**Alba picta.** Leaves narrow, green, and nicely spotted with white; flowers white, in clusters.

**Argentea Guttata.** Leaf bronze with silver markings. Flowers white.

**Foliosa.** A miniature foliage variety. Flowers pink; erect grower.

**McBethii.** Flowers pure white; foliage finely cut.

**Sandersoni.** A bushy growing variety, with glossy, deep green leaves; flowers in clusters of drooping scarlet; heart-shaped buds.

**Zebrina.** Foliage dark green with whitish veins; flowers light pink.



ASPARAGUS PLUMOSUS NANUS

One entire greenhouse of Vick's Flowering and Rex Begonias out of which to ship thousands of plants in the Spring.



CARNATION—ROSE PINK ENCHANTRESS

## REX BEGONIAS

The Rex varieties of Begonia are very effective as pot plants. Care should be taken to keep the foliage free from dust. Occasionally the plants may be showered, but should not be exposed to the sun until the leaves are perfectly dry. Each, 20 cents; dozen, \$2.00.

**Countess Louise Erdody.** The wonderful Cork-screw Begonia.

**Bertha McGregor.** Cut-leaf, center of leaf red, outside silver and red. Very fine.

**Lesuodsii.** One of the finest of the Rex family; the leaves are a velvet green. Center edged with a silver band, outer edge bright green.

**Modesty.** Leaves silvery white, edged with green.

**President Carnot.** Silvery white.

**Rubrum.** The entire leaf has a pinkish metallic lustre, which makes it one of the most attractive varieties. The plant is a vigorous grower.

**Surprise.** Leaf deep bronze and silvery rose

**Van-der Hyde.** Mottled green and white.

## BEGONIA SEMPERFLORENS. Wax Begonias

This class may truly be called perpetual flowering Begonias as they bloom continuously. They are always in bloom, and are very fine either for house plants or bedding. Three colors, pink, white and scarlet.

Each, 15 cents; three for 40 cents; dozen, \$1.25.

## CARNATIONS

The delicately rich and pleasant odor, in connection with the beautiful colors and perfect outline of the Carnation, secure for it a prominent place in all collections of plants, either for the house or garden. It is one of the sweetest of flowers and yields an abundance of bloom all summer. The plants may be potted in September and October, watered and shaded a few days, and they will bloom all winter, in a cool sunny window. Our list embraces the best of the standard varieties.

Each, 15 cents; three for 35 cents; seven for 75 cents.

The set of twelve for \$1.25.

**Beacon.** Beautiful shade of scarlet. Flowers very large. Stems long.

**Enchantress.** Delicate shade of shell-pink, deepening towards the center; very large flower.

**Enchantress Supreme.** Color clear shell pink. Flower large. A grand new variety.

**Harlowarden.** Large flower of bright crimson, with scarlet shadings.

**Lady Bountiful.** Pure glistening white.

**Mrs. Thomas W. Lawson.** Immense size, from three to four inches in diameter, with long, strong stems. Bright cerise-pink, lighting up beautifully under artificial light

**Red Jacket.** A strong, robust grower; color brilliant scarlet.

**Rose Pink Enchantress.** Color rose pink; large flower.

**Variegated Lawson.** White, beautifully striped with cerise pink.

**White Enchantress.** Large pure white. Very free flowering.

**White Wonder.** One of the largest white Carnations and a strong grower

**Winsor.** Silvery pink. One of the best carnations.



## Vick's Cannas

For a brilliant show all summer there is no plant excelling the Canna; it even surpasses the Geranium in its gorgeous display of brilliant colors, blooming continuously from the time of planting until cut down by frost.

### The Best of the Standard Varieties

Each, 15 cents; dozen, \$1.50.

**Alphonse Bouvier.** Brilliant crimson, but changes to a beautiful deep crimson as they more fully expand. Six feet high. Foliage green.

**Alsace.** Pale sulphur changing to creamy white. A valuable variety. Four and one-half feet high. Foliage green.

**Beaute Poitevine.** Bright crimson, with erect flower spikes. Three and one-half feet high. Foliage green.

**Brandywine.** Brilliant red; foliage bronze. Four feet high.

**Charles Henderson.** Brilliant crimson flowers. Four feet high. Foliage green.

**Cinnabar.** Cinnabar red, distinctly marked with golden yellow. Four and one-half feet high. Foliage bronze.

**David Harum.** Bright deep satiny vermilion. Foliage bronze. Three and one half feet high.

**Egandale.** Soft currant-red flowers. Foliage bronze. Four feet high.

**Evolution.** The flowers are golden yellow, which shades in through various tints of canary, lemon, and sulphur to a center of bluish pink. Foliage bronze.

**Fairfield.** Rich dark crimson flowers; foliage green.

**Florence Vaughan.** Flowers of the most brilliant golden-yellow, dotted with brightest scarlet. Four and one-half feet high. Foliage light green.

**Jean Tissot.** Brilliant vermilion, with bright orange markings. Foliage green. Five feet high.

**J. D. Cabos.** Height four feet. Color of flower light orange. Foliage bronze.

**Mlle. Berat.** The nearest approach to a pink in a first-class bedder. Four feet high. Foliage green.

### CALCEOLARIA

**Creole Queen.** Flowers brown maroon. Very fine for pot plant and bedding. Easy to grow. Each, 15 cents; two for 25 cents.

### CAREX

**Japonica variegata.** Japanese grass. Very useful and ornamental for the house, thriving well in a living room. Each, 15 cents; two for 25 cents.

### COLEUS

Each, 15 cents; any three for 30 cents; dozen, \$1.25.

Set of seven for 75 cents.

**Crimson Velvet.** Leaves rich crimson.

**Duneira.** Soft seal-brown, bordered pink. An exceptionally showy variety

**Firebrand.** Maroon, flamed and shaded with brilliant fiery red.

**John Good.** Yellow and green, fine bedder.

**Snowcloud.** Yellow and green. Changing to white in the summer months.

**Sensation.** Velvety black maroon, with lance-shaped center of pure magenta. Very brilliant.

**Verschaffelti.** Rich, velvety crimson. The best of all for bedding.

### DRACAENA

**Indivisa.** Used extensively as a center plant for vases, baskets, etc. The numerous grass-like leaves are very long and rigid, contrasting nicely with other plants. Easily grown. Each, 15 cents; dozen, \$1.50.

### FEVERFEW

**Little Gem.** Very dwarf; attains a height of from 8 to 10 inches; flowers of fine form, and pure white. Each, 15 cents; dozen, \$1.50.

### FRAGRANT OLIVE

**Olea fragrans.** Rare and very choice house plant resembling the Orange in growth. Thick, glossy green leaves and deliciously fragrant flowers. Thrives best in a moderately cool room. Each, 25 cents.

### GREVILLEA or Silk Oak

**Grevillea robusta.** A beautiful plant for decorative purposes of quick growth and very easy culture. The leaves are very light bronze color, the tips being covered with a soft down resembling raw silk, from which it derives the name of "Silk Oak." For the house it is unsurpassed.

Each, 20 cents; two for 35 cents.

### Canna Beds

Plant Cannas about 18 inches apart each way; the tall varieties for the center of bed, and the shorter ones for the border.

For a round bed, 7 feet in diameter, it will take 19 plants.

For a 7-foot bed we will send post-paid 19 plants, in three different varieties, our selection, for \$2.25.

**Madame Crozy.** Flowers crimson-scarlet and gold-bordered. Three and one-half feet high. Foliage green.

**Pennsylvania.** The flowers are pure deep scarlet, of immense size. Six feet high. Foliage green.

**President Meyer.** The flowers are a rich cherry carmine; foliage bronze. Four feet high.

**President Faivre.** Flowers amaranth-red; foliage bronze. A strong, erect grower, especially adapted to massing and as center of beds. Six feet high.

**Queen Charlotte.** The center of the petal is a brilliant crimson-scarlet, shaded with crimson and bordered with a wide belt of gold. Three feet high. Foliage green.

**Robusta.** A very fine, tall-growing, dark-leaved variety; eight to ten feet. Dark green leaves.

**Rubin.** Ruby carmine. Foliage bronze

**Secrétaire Chabanne.** A distinct and pleasing shade of almond. Three feet high. Foliage green.

**Semaphore.** Novel color. The flowers are of a pure orange. Foliage bronze.

**Souvenir d'Antoine Crozy.** Crimson scarlet, broad yellow border. Four feet high. Green foliage.

### Orchid-Flowered Cannas

Each, 15 cents; set of five for 60 cents.

**Alemannia.** Gigantic yellow flowers beautifully mottled with orange-scarlet. Four and one-half feet high. Green foliage.

**Burbank.** Rich canary-yellow flowers, spreading seven inches; rich green leaves; four and one-half feet high.

**Italia.** Immense flower. Center brilliant red, petals widely bordered with clear yellow. Six feet high.

**King Humbert.** Massive foliage of finest bronze, with dark midrib. Its flowers measure six inches in diameter and are produced in great trusses. Brilliant orange-scarlet, with bright red markings. Height about four feet.

**Parthenope.** Flowers are extra large and of good substance. Color dark orange, shaded with yellow; showy and distinct; four feet. Foliage dark green.

### ACHANIA MALVAVISCUS

This remarkable plant is a native of Southwestern Texas and Mexico. As a house plant it is very satisfactory because it blooms continuously. In house culture in pots it usually grows about two feet high, but when planted in the garden it will make a strong, vigorous growth from three to four feet in height, often throwing out a large number of branches, and the entire plant almost continuously covered with bright scarlet flowers. These, if cut, will remain in perfect condition a long time. Each, 25 cents; two for 40 cents.

### ARAUCARIA EXCELSA

#### Norfolk Island Pine

Sometimes called the "Christmas Tree Palm" and "Star Palm." It has deep green feathery foliage arranged like the spokes in a wheel, rising one above the other at regular intervals. It is easily grown in the house and is very ornamental. Strong, well-grown plants, each, \$1.25.

This year we added 50 per cent. to our Greenhouse capacity to take care of our greatly increased call for plants.

For brilliancy of colors nothing surpasses the newer Cannas in formal beds or in rows against a background of green





HARDY POMPON CHRYSANTHEMUMS

# Vick's Chrysanthemums

## Hardy Pompon Chrysanthemums

These are the very best of all Chrysanthemums for planting out of doors, and they are growing in popularity each year. Are perfectly hardy, and the flowers, which are not injured by the early frosts, give a fine show of bloom in late Autumn. While the flowers of the Hardy Chrysanthemums do not attain the great size of the Large-Flowering varieties, the sprays of bloom are extremely graceful and beautiful and are very valuable as cut flowers. They may frequently be seen in gardens about Rochester in full bloom as late as the middle of November.

They can easily be transplanted to pots, and thus brought inside to furnish beautiful double flowers during the late fall.

Each, 20 cents; dozen, \$2.00.

**Allentown.** Bronze yellow.  
**Alma.** Beautiful pink.  
**Anna Mary.** Creamy white, tipped pink.  
**Astarte.** Bright golden amber.  
**Baby.** Golden yellow.  
**Baby Margaret.** Pure white. A beauty.  
**Bohemia.** Pure yellow.  
**Diana.** Large flower; the finest pure white.  
**Edna.** White, with pink shadings and yellow center; good size and nice form.  
**Gold Standard.** Golden yellow.  
**Hero.** Dark pink.  
**Iva.** Pure amber.  
**James Boon.** Pure white.  
**Julia Lagravere.** Crimson-maroon.  
**Lilla.** Tall, deep red; fine for cut sprays.  
**Lulu.** Pure snowy white.  
**Lyndhurst.** Beautiful red.  
**Miss Julia.** Very double, bronze yellow.  
**Orea.** Light pink.  
**Panama.** Bronze.  
**Queen of the Whites.** One of the finest whites.

**Quinola.** Large flowers, golden yellow; strong growing plants.  
**Rufus.** Dark red.  
**Skibo.** Golden chamois.  
**Walter Bly.** White, tinted rose.  
**Zenobia.** Bright, clear yellow.



LARGE-FLOWERING—MAJOR BONNAFFON

## Large-Flowering Chrysanthemums

The glorious blooms of the Large-Flowering Chrysanthemums are easily the largest and most showy flowers of late autumn and early winter. In a warm fall the Large-Flowering Chrysanthemums bloom well in October and November in the open ground. But a good way is to cultivate the plants in the garden, with plenty of room in good, rich soil, until the first of September, when they may be safely transferred to pots. Give a thorough watering and set in a shady place for a few days, after which they may be exposed to the full light in a room of moderate temperature.

Each, 20 cents; dozen, \$2.00.

**Alice Bryon.** A magnificent snow-white variety.  
**Christmas Cheer.** Beautiful pink. Early. Flower incurved. Handsome.  
**Chrysolora.** Fine golden yellow; large flower; extra fine early yellow.  
**Comoleta.** Bright yellow. Fine for pot culture.  
**Cullingfordii.** Rich crimson scarlet.—One of the very best.  
**Golden Glow.** The earliest of all. Fine golden-yellow with velvety finish.  
**Ivory.** Dwarf. Free flowering, snow white, incurved, very large, perfect form.  
**Major Bonnaffon.** Soft yellow, incurved type; flowers large and full.

**Major Weaver.** Large. Fine shade of pink.

**Maud Dean.** Extra large flowers, petals broad, incurved; color light rose.

**Mrs. William Duckham.** Beautiful golden yellow.

**Mrs. Jerome Jones.** Waxy white; good stem and perfect foliage.

**Pacific Supreme.** A beautiful shade of pink. Very early.

**Pink Ivory.** Beautiful shell-pink. A sport from White Ivory.

**Pink Jones.** The color is beautiful; each petal is white overlaid with purplish crimson, giving the whole flower the appearance of being pink in color.

**Red Duckham.** Very large flower. Color purplish crimson.

**Unaka.** Beautiful shade of lavender pink; very early; one of the best pink Chrysanthemums.

**White Coombes.** Pure white of largest size.

### VICK'S COLLECTION of HARDY POMPON VARIETIES

Six Fine Kinds for 75 cts.

**Allentown.** Bronze yellow  
**Diana.** Pure white  
**Edna.** White, pink shading  
**Hero.** Pink  
**Lyndhurst.** Red  
**Miss Julia.** Bronze

### VICK'S COLLECTION of LARGE-FLOWERING CHRYSANTHEMUMS

Six Fine Kinds for 75 cts.

**Cullingfordi.** Crimson-scarlet  
**Ivory.** White  
**Mrs. Wm. Duckham.** Yellow  
**Pacific Supreme.** Pink  
**Red Duckham.** Red  
**Unaka.** Lavender

We do not sell through agents. Our catalogues are our salesmen. The Oldest Mail-Order Seedhouse in America



## VICK'S FERNS

Ferns cannot be dispensed with in decorations for the house. Those offered below are the hardest and best for house use. They grow rapidly and many varieties soon double their original size.

The six varieties first named below are especially adapted to use in fern dishes. These six are sufficient for a dish eight inches in diameter.

Each, 15 cents; dozen, \$1.50; the set of six, 75 cents.

**Adiantum cuneatum.** The popular Maiden Hair Fern.

**Aspidium Tsussimense.** A pretty species with dark green foliage.

**Cyrtomium falcatum.** The "Holly Fern." Large, dark green glossy leaves.

**Pteris Cretica albo-lineata.** A pretty and useful variegated variety; leaves green and white.

**Pteris Wimsetti.** Fine for fern pans and house culture; finely crested.

**Pteris Wilsoni.** Leaves round and crested. Splendid for house culture.

### Varieties of the Boston Fern

The various kinds of the Boston Fern are all strong growing, beautiful plants, and well adapted to house culture.

Each, 25 cents; four for 90 cents; dozen, \$2.50; except as noted.

**Boston Fern.** One of the most satisfactory of decorative plants for house culture. The handsome green fronds attain a length of four to five feet, and droop so gracefully over on every side that it is often called the Fountain Plant. It always has a fresh, healthy appearance, and is very attractive.

**Scotti, or Dwarf Boston Fern.**

A very dwarf and compact form of the Boston Fern. The fronds are short and narrow, of a graceful recurring form. Plants of small size make nice specimens in a short time.

**Roosevelt.** The divisions of the wide drooping fronds are beautifully undulated and the fronds are more graceful than those of the Boston Fern. Strong rapid grower. A new variety and one of the finest.

FUCHSIA,  
LITTLE  
BEAUTY



BOSTON FERN



WHITMANI FERN

**Scholzeli, or Plumed Boston Fern.**

In this fern, a sport from Scotti, we have all the desirable features of the parent, with plummy fronds similar to the Ostrich Plume Fern. Its leaves are held erect with a graceful arch, forming a plummy globe.

**Barrowsi, or Ostrich Plume Fern.**

Dark rich green. The long, graceful fronds are beautifully ruffled.

**Teddy, Jr.** Fronds beautifully

undulated like those of the Roosevelt, but the plants are very dwarf and compact. Each, 25 cents.

**Whitmani.** The plummy appearance of its foliage makes the

Whitmani unquestionably the most striking among all the varieties of the Boston Fern. The plant is quite dwarf in growth, and the leaves very wide; a grand Fern-

## VICK'S FUCHSIAS

No plants are more graceful and elegant than the Fuchsias. Their contrasting colors—white, carmine, rose and purple—make them very attractive. They should be kept in a partially shaded window, since bright sunlight injures the flowers.

Each, 20 cents; dozen, \$2.00.

**Avalanche.** Corolla violet, sepals crimson.

**Bouquet.** Flowers of beautiful form; sepals a clear coral color; corolla blue.

**Jeanne Summary.** Tube and sepals bright crimson scarlet, corolla white.

**Jupiter.** Tube and sepals scarlet; corolla rich royal purple. Extra large size.

**Little Beauty.** Tube and sepals bright red; corolla rich purple.

**Mary.** The drooping flowers, over two inches long, are a brilliant crimson-scarlet, and stand out prominently against the dark green foliage.

**Rosaina Patrie.** Tube and sepals carmine. Corolla white.

**Storm King.** Dwarf grower. Tube and sepals red. Corolla white.

**Victor Hugo.** Flowers large, very double: sepals bright crimson; the center or corolla violet purple, marbled with red. A unique and beautiful flower.

Read about the special arrangements with the Western Union Telegraph Co. on page 1, whereby money and order may be sent in one telegram at a reasonable cost. Customers who are in a hurry or delayed in sending in their order are insured quick service and prompt delivery.

James Vick's Sons, Rochester, N. Y.

April 5, 1916.

Gentlemen:—I sent to James Vick for flower seeds as long as forty years ago, I think, and have hardly missed a year since. The Tuberous Begonias that I have had for the last three years seem a revelation to me in the flower line. Year before last one plant had two colors, another had single pink flowers that measured nearly seven inches across. I have friends who intend to send for Tuberous Begonias this year. They are admired by all.

Respectfully, LINDA KOONS.

"VICK'S"—The name that for over half a century has stood for quality. America's Oldest Mail-Order Seedhouse



## Vick's Geraniums

From the hundreds of varieties of Geraniums introduced we have selected the following list as combining the greatest variety of color with continuous flowering and sturdy, branching habits.

Each, 20 cents; three for 50 cents; dozen, \$2.00.

### DOUBLE

- Alphonse Ricard. Bright orange-red. Trusses very large.  
 Beaute Poitevine. The color is a bright salmon-pink.  
 Countess de Harcourt. Pure snow-white.  
 Heteranthe. Bright scarlet.  
 Jean Viaud. Flowers semi-double, brilliant rose, beautiful white spots.  
 La Pilot. Very dark scarlet.  
 E. Anatole Roseleur. Deep rose pink.  
 Madame de Comtesse de Baume. A charming bright pink.  
 Madame Jaulin. Center of flowers delicate pink, bordered with pure white.  
 Madame Recamier. Snow white.  
 Madame Laudrey. Clear salmon, center shading to copper, with white eye.  
 Madame Buchner. Double; snow-white. A strong grower.  
 S. A. Nutt. Double. Brilliant deep blood-red, with maroon shadings.  
 Rather tall; vigorous grower. Truss large. One of the finest bloomers.  
 Toronto. Bright salmon. Flowers and truss of large size. A grand bedder.

### SINGLE

- A. Carre. [Crimson scarlet. General Grant. Popular old sort.  
 Jules Lematrie. Light pink. Jumbo. Very fine scarlet.  
 Marguerite de Layre. A fine, strong, free grower; pure white flowers.  
 Mrs. E. G. Hill. Bright salmon with light shading at center.

### TRI-COLOR

- Mrs. Pollock. Leaves variegated; flowers scarlet.

### DOUBLE IVY-LEAF

- This class has thick, glossy, ivy-shaped leaves. The plants are drooping in habit, and excellent for baskets, vases, and house plants.  
 Jeanne d'Arc. White, suffused with lavender. Double.  
 Leopard. The color is clear lilac-pink, the upper petals being clearly blotched with deep crimson, and marked with maroon dots.

### SWEET-SCENTED

- Dr. Livingstone. Leaves finely divided, very fragrant.  
 Rose. This is one of the most desirable of the scented varieties.

### BRONZE

- The leaves of the Bronze Geraniums show the most beautiful shades of yellow or brownish red; the foliage being as handsome as the flowers.  
 Black Douglas. Flowers salmon; Foliage golden yellow; red zone.  
 Exquisite. Leaf light yellow ground, chocolate zone. Flowers salmon.

## PELARGONIUM

### Lady Washington Geranium

The New Everblooming Pelargonium, Easter Greeting



PELARGONIUM, EASTER GREETING

The flowers of Easter Greeting have the large size and the gorgeously rich coloring of the "Lady Washington Geranium." To this is added, in Easter Greeting, the habit of continuous blooming, which has made the ordinary bedding geranium so highly valued. Easter Greeting is the first of a new race and one of the most valuable introductions in recent years. As an Easter plant it rivals the Azalea; but unlike the Azalea, Easter Greeting, will remain in full bloom all summer.

Each, 25 cents;  
 Dozen, \$2.50.

We are growing more Geraniums than ever before to take care of the great increase in the demand for these plants



BABY PRIMROSE

## PRIMROSE

**Primula Forbesi.** Baby Primrose. Needs but little care. It forms a dense rosette of fleshy leaves, from which spring the flower stems about 12 inches tall; delicate rosy-lilac flowers produced in great abundance.  
 Each, 20 cents; two for 35 cents.

**Primula obconica grandiflora.** Perpetual blooming, bearing large trusses of flowers on long stems, well above the foliage; color a pale lilac and pink.  
 Each, 20 cents; dozen, \$2.00.

**Mexican Primrose.** A charming plant, which in freedom of bloom excels all others. Flowers almost three inches in diameter, cup-shaped; color bright pink, with scarlet veins and large, showy white center. A plant of easy culture. Each, 20 cents; dozen, \$2.00.

## HELIOTROPE

Prized for its fragrance. It is a favorite with everyone. Heliotropes require a sunny location, as they do not do well when grown in the shade. Very desirable for house culture, a single plant filling a whole room with perfume.

**Lady Cook.** Dark violet. **Madame de Blonay.** Pure white.  
 Each, 20 cents; dozen, \$2.00.

## HYDRANGEA

**Otaksa.** The immense heads of pale pink flowers, make the Hydrangea extremely effective as a decorative plant. In the North it is grown as a pot plant. Give partial shade and plenty of water. Put in the cellar in the fall. Each, 25 cents; dozen, \$2.50.

## LANTANAS

Are in bloom constantly, and are very fine for bedding, baskets, or box plants.  
 Each, 20 cents; dozen, \$2.00.

**Amiel.** Bright shade of orange-red, with golden center.  
**Jacques Minot.** Yellow, changing to orange red.  
**Marcella.** Lilac rose, changing to yellow.  
**New Weeping.** Rose pink, habit drooping.  
**Snow Queen.** Large white flowers.  
**Snowball.** White, yellow center.

## LEMON

**Ponderosa.** Large-fruited true Lemon. Flowers as fragrant as the Orange blossom and large fruit of good quality. Bears flowers and fruit at the same time. Vigorous grower and makes a splendid house plant.  
 Thrifty young plants, each, 25 cents.

## LEMON VERBENA

Foliage delightfully fragrant. Easily grown.  
 Each, 20 cents; dozen, \$2.00.





On the left a flower of an old variety—on the right Vick's "Scarlet Beauty," the new brilliant scarlet variety, with flowers of mammoth size, held on stiff stems well above the dense, dark green foliage.

## PETUNIA

**Single, Vick's Ruffled.** These plants are from seed of our own growing, and we recommend them as being very fine. The flowers are richly colored, very large and beautifully fringed. Each, 15 cents; dozen, \$1.50.

**Single Fringed.** Flowers nicely fringed. Each, 15 cents; dozen, \$1.50.

## RUBBER PLANT

**Ficus elastica.** This is certainly one of the best plants grown for table or house decoration. It succeeds well with ordinary treatment. The glossy green leaves resist the dirt and gas to which plants in dwelling houses are exposed. Strong Plants, each, 50 cents; larger plants, each, \$1.00.

# CLIMBING AND TRAILING VINES

## GERMAN IVY

Each, 15 cents; dozen, \$1.50.

A fine, thick-growing trailing plant that is unsurpassed for use in hanging baskets and urns, where delicate green foliage is needed.

## IPOMEA or Moonflower

Each, 20 cents; dozen, \$2.00.

**Ipomœa Bona Nox.** It is a beautiful, vigorous climber, producing large, pure white, sweet-scented flowers at night and on dull, cloudy days. To keep over winter, the plant must be cut back, the roots potted, and kept in a growing condition.

**Ipomœa Leari (Blue Moonflower).** Flowers six inches across, of intense violet-blue, with reddish purple rays.

One plant, each, of *Ipomœa Bona Nox* and *Leari* for 35 cents.

## MANETTIA VINE

**Manettia bicolor.** A beautiful twining plant; flowers from one to two inches in length, of the most intense fiery scarlet, with bright yellow tip. As a pot plant to train on a trellis it is unrivaled. In the open ground it succeeds admirably. Each, 20 cents; two for 35 cents.

## NASTURTIIUM, Double

Each, 20 cents; dozen, \$2.00.

Flowers perfectly double, and borne in great numbers the whole year. **Golden Wonder.** The color is a bright golden yellow, with a dash of scarlet in the center of each petal.

**Sunbeam.** Flowers a beautiful shade of bright orange-red.

We have an excellent lot of Palms of different sizes as listed on this page. They are very fine for house decoration

# Vick's Salvias

**Vick's Scarlet Beauty. (New).** (See cut, this page and novelty pages). The mammoth size and wonderfully brilliant scarlet color is going to make it the most popular scarlet variety ever grown. The flowers are very large and compact, often measuring four inches in diameter, and are held erect above the dark green foliage on strong, sturdy stems. The plant of this wonderful new *Salvia* is a sturdy, strong and compact grower. The foliage is large, dark green and very abundant. Grows about two and one-half feet high. Each, 20 cents; dozen, \$2.00.

**Elizabeth Dunbar. The New White *Salvia*.** Elizabeth Dunbar appeared as a chance seedling in the Rochester Parks in 1910. Since its first appearance it has been much improved from the original plant. The corolla is pure white and the calyx cream white. The flower spikes are from six to eight inches long. The individual flowers are one and three-fourths inches long. The plants grow about two and one-half feet tall. It flowers freely and blossoms abundantly throughout the summer, and comes true to seed. Potted plants produce a profusion of flowers in the greenhouse in winter. Illustrated on page 3.

Each, 20 cents; dozen, \$2.00.

**Clara Bedman or Bonfire.** A dwarf early blooming variety. The plants are almost hidden by the mass of brilliant scarlet flowers.

Each, 15 cents; dozen, \$1.50.

**Splendens.** The well-known Scarlet Sage. A splendid flowering plant with plumes of dazzling scarlet flowers.

Each, 15 cents; dozen, \$1.50.

## PALMS

First size, \$1.50; second size, \$1.00; third size, 50 cents.

*First size, eighteen to twenty inches high; second size, eight to twelve inches high; third size, strong young plants from three-inch pots.*

**Kentia Belmoreana.** Graceful arching leaves, with long, terete, shining yellowish-brown petioles; divisions of the leaves, twenty to thirty in number, strap-shaped, deep green in color. This palm will stand a great deal of ill-usage and maintain a good appearance.

**Kentia Forsteriana.** The beautiful "Thatch Palm," similar to the *Kentia Belmoreana*, but the petioles are a brighter green and the leaf divisions narrower, more delicate and graceful. A handsome Palm for table decoration.

## UMBRELLA PALM

**Cyperus alternifolius.** A beautiful, easily-grown plant, that is admirably adapted to many different modes of culture. It makes a very showy plant for pot culture, is one of the best for ferneries, while for the aquarium it is without an equal. Each, 15 cents; dozen, \$1.50.

## OLEANDER

**Splendens variegata.** Large, double, pink flowers; early. Glossy green leaves with a broad margin of creamy white. Each, 25 cents.

**Double Pink.** The old and popular variety. Each, 25 cents.

## OTAHEITE ORANGE

It blooms most freely during winter, though it is likely to bloom at any and all times of the year. With one or two pots of it anyone can raise an abundance of delicate and fragrant orange blossoms. It is a dwarf orange, which grows, blooms, and fruits freely in pots. Fruit about one-half the size of ordinary oranges. Each, 25 cents; extra large plants, each, 35 cents.

## JASMINE

**Jasminum grandiflorum.** A favorite greenhouse climber or house-plant, and one of the sweetest of flowers. Foliage fine; white, star-shaped fragrant flowers from November to May. Easy of culture. Each, 20 cts.; doz. \$2.00.

## OTHONNA

**Crassifolia.** A neat drooping plant for hanging baskets. Yellow flowers. Each, 15 cents; dozen, \$1.50.

## PASSIFLORA or Passion Vine

A class of rapid growing climbing plants well adapted for house culture in winter or for trailing over porches, etc., during summer. The flowers are about four inches in diameter, with pear-shaped petals.

**Constance Elliot.** Flowers pure white. Each, 15 cents; dozen, \$1.50.

## PILOGYNE SUAVIS

A splendid climber for screens and verandas; also fine for hanging baskets. Each, 15 cents; dozen, \$1.50.

## SMILAX

A well-known and popular climber. Foliage of a dark glossy green, used largely with cut flowers, wreaths, etc. Excellent for parlor or window culture. Tender. Each, 15 cents; dozen, \$1.50.

## VINCA

**Major variegata.** A beautiful trailing plant, admirably adapted for hanging baskets and vases. The leaves are glossy-green, broadly margined a creamy white; flowers blue.

Each, 15 cents; large plants, with vines two to three feet, 25 cents.





ISMENE

## ISMENE, or Peruvian Daffodil

**Giant-Ismene.** The Ismene is one of the finest flowers of the stately Amaryllis family. The heavy bulbs send up stems two feet in height, on which are borne numerous large, pure white flowers. The flowers have a rich and striking appearance and are exceedingly fragrant. The Giant Ismene is easily grown and its beautiful and stately flowers are sure to give satisfaction. After the bulbs are ripened off they may be potted up and used for winter blooming. **Each, 20 cents; dozen, \$2.00.**

## HYACINTHUS

**Candicans.** Summer Hyacinth. A beautiful and stately plant, with stems three to four feet high. It has large, pure white pendant, funnel-shaped flowers, in long racemes. Very fragrant. In the North the bulbs should be dug in the fall and wintered the same as Gladiolus. **Each, 10 cents; dozen, \$1.00.**

## MADEIRA VINE

A charming climber for porches. The thick, dark green foliage forms a fine screen, and the white flowers are very fragrant. **Strong bulbs, each, 5 cents; dozen, 50 cents.**

## MONTBRETIA

One of the most showy summer-flowering bulbs. Star-shaped flowers, produced in great numbers on long, graceful spikes. **Three for 10 cents; dozen, 30 cents; hundred, \$1.75.**

## OXALIS

Free-blooming bulbs, fine for pots, vases, or for edging walks and beds. Plant three inches apart. **Lasiandra.** Rosy Crimson. **Tetraphylla.** (Deppei). Rosy lilac. **Dozen, 15 cents; hundred, 75 cents.**

## TIGRIDIA

Tigridias are beautiful flowers, delicate as Orchids, and showing wonderful blendings of colors. Plant bulbs in May and give the same care as to Gladiolus for winter. **Conchiflora.** Yellow and orange, with dark spots. **Grandiflora alba.** A beautiful variety, with large, showy white flowers marked at the base of each division with spots of a reddish brown color on yellow ground. **Each, 6 cents; dozen, 60 cents.**

## CALADIUM

**Fancy-Foliaged.** The fancy-foliaged varieties are very satisfactory for summer decoration. Leaves striped, blotched, and spotted with white, crimson, and pink; in fact, the variety of color is something wonderful. In the fall the leaves die down, and the bulbs should be kept in the pots in a warm place. **Each, 25 cents; dozen, \$2.50; hundred, \$10.00; not less than 50 at hundred rate.**

**Esulentum — Elephant's Ear.** One of the stateliest of the ornamental-leaved plants producing a splendid subropical effect. Leaves frequently grow three feet in length and nearly as broad. Roots obtained in the spring will make good plants in the summer, and in the fall they should be taken up and stored in the cellar. **Medium-sized bulbs, each, 20 cts.; doz., \$2.00. Large-sized bulbs, each, 30 cts.; doz., \$3.00. Mammoth-sized bulbs, each, 40 cts.; doz., \$4.00.**



ELEPHANT'S EAR OR CALADIUM

## AMARYLLIS

The Amaryllis produces showy flowers that are handsome and very attractive, resembling Lilies. The bulbs should be potted in a rich, sandy loam, with good drainage. They require abundant moisture when growing, but at their season of rest water should be given sparingly.

**Fragrans.** Flowers three to four inches long; yellow; fragrant; stalks 15 to 18 inches high. **Each, 15 cents.**

**Regine.** Equestre. One of the best of the Amaryllis family for winter-blooming. Flowers large, bell-shaped; color light scarlet, throat or center white. **Each, 15 cents.**

**Johnsoni.** An elegant pot plant, with crimson flowers five inches in diameter each petal striped with white. Flower-stalks two feet high, with clusters of three to five blooms. **Each, 50 cents.**

**Formosissima.** Jacobean Lily. Eight to ten inches high. Flowers dark crimson; The bulbs are dormant during the winter. **Each, 15 cents.**

## TUBEROUS BEGONIAS

The flowers are brilliant, handsomely formed, and of wonderful size, often measuring from four to six inches in diameter. The plants are easily grown and are fine either as pot or bedding plants. After the blooming season is over the tubers are dried and either left in the pots or placed in dry sand and kept until spring, to be started again in February or March.

**Single** Five colors, affording a charming selection for contrasting colors in bedding. **White, Crimson, Scarlet, Rose, Yellow.** **Each, 10 cents; three for 25 cents; dozen, \$1.00.**

**Double** The same colors as found in the single Begonias, but the blooms are as large and double as Roses. **White, Crimson, Scarlet, Rose, Yellow.** **Each, 20 cents; two for 30 cents; dozen, \$2.00.**

**Bearded Begonia** B. grandiflora erecta cristata. This curious strain of Begonia has single flowers of good size, bearing on each petal a dense crest or beard composed of curiously twisted threads. **Mixed colors. Each, 20 cents; dozen, \$2.00.**

## CALLA

**Little Gem.** A dwarf variety of the old Calla, ten to twelve inches high; free bloomer. **Each, 15 cents; two for 25 cents.**

**Spotted Calla.** Alba maculata. Beautiful for pot culture. The foliage is marked in the same manner as that of the Yellow Calla. The bulbs must be kept in dry sand in the winter. **Each, 10 cents; dozen, \$1.00.**

## GLOXINIA

Gloxinias are among the handsomest of our summer-blooming greenhouse plants. The flowers are gorgeous, and the foliage has a velvety appearance. Bulbs should be started in spring in a warm place. They require partial shade and a liberal supply of water when growing. After blooming, water should be withheld and the bulbs remain dry through the winter.

**Four colors—Red, White, Blue, and Spotted.** **Each, 20 cents; two for 35 cents; four for 60 cents; dozen, \$1.50.**

## TUBEROSE

The Tuberose is a beautiful, pure white, wax-like, very sweet-scented, double flower, growing on tall stems, each stem bearing a dozen or more blossoms. Our Tuberose are all extra sized, splendid bulbs.

**Dwarf Tuberose, Pearl.** **Each, 5 cts.; six for 20 cts.; doz., 35 cts.; hundred, \$2.50.**

More failures result from disregard of the conditions necessary to germination than from inferiority of the seed used



Unless otherwise stated, prices on this page are f. o. b. Rochester, i. e., the express or freight charges to be paid by customer

## FERTILIZERS PULVERIZED SHEEP MANURE

### The Very Best Fertilizer for the Lawn and Garden

**It is Convenient.** Being thoroughly dried and finely ground, Pulverized Sheep Manure is in a convenient form for use on the lawn, in the garden, in the greenhouse, or for potting soil. Most of the weight has been removed in drying.

**It is Natural.** A pure animal fertilizer. No chemical change or loss of plant food occurs in drying or grinding. Adds organic matter to the soil by nature's own method.

**It is Inoffensive.** Unequalled for the lawn. Is a top dressing of stable manure, without any unsightly appearance or offensive odor.

**There is No Risk.** Contains no acids or chemicals to burn the sprouting seeds or roots of plants. May safely be used wherever stable manure would be desirable, and without inconvenience.

**On the Lawn.** The first shower, or watering, following an application of Pulverized Sheep Manure, produces a luxuriant dark green growth. The insoluble particles, gradually decaying, feed the grass roots for a long time, so that the effect is lasting. We have used Pulverized Sheep Manure on our own farms quite extensively for Field Crops, with excellent results. For this purpose we use a grain drill as for commercial fertilizers.

**In the Garden.** Pulverized Sheep Manure is convenient; it furnishes plant food in the best form for growing plants of all kinds, and it adds organic matter, or humus, to the soil, thus keeping it in good mechanical condition. Commercial fertilizers cause the soil to become hard and dry. Quantity to acre for lawn, 500 to 800 pounds.

Price: 5 lbs., 30 cents; 25 lbs., 75 cents; 50 lbs., \$1.25; 100 lbs., \$2.25; 500 lbs., \$10.00; 1000 lbs., \$18.00; not prepaid.

**Clay's Fertilizer.** An English production. Considered one of the purest and best for garden crops and greenhouse. Used in dry or liquid form. House plants respond quickly to the use of a small amount of Clay's Fertilizer. One tablespoonful to a plant is sufficient to benefit the growth and color of foliage. Sold in original bags only. 50 lbs., \$3.75; 112 lbs., \$7.00; by express or freight, not prepaid.

**Nitrate of Soda (Chili Saltpetre).** The best and cheapest form of Nitrogen for plants. Highly concentrated and immediately available. Nothing like it to make plants grow. Price subject to market changes. 3 lbs., 30 cts.; 5 lbs., 50 cts.; 10 lbs., 75 cts.; 25 lbs., \$1.75; 50 lbs., \$3.00; 100 lbs., \$5.75; charges not prepaid.

**Pure Raw Bone Meal.** 1 lb., 10 cents, or postpaid, 25 cents; 5 lbs., 30 cents; 10 lbs., 50 cents; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.00; charges not prepaid.

**Thompson's Vine, Plant and Vegetable Manure.** A safe and reliable food and stimulant for fruit bearing plants, foliage and flowering plants, also for vegetables and shrubs; so compounded as to combine stimulating with lasting effects. Adapted to mixing with the soil when potting, about four pounds to each wheelbarrow of soil.

Prices: 25 pounds, \$2.50; 56 pounds, \$3.75; 112 pounds, \$6.50.

**Scotch Soot (Imported).** Valuable for stimulating a healthy growth. Much used by Florists and Gardeners both as a fertilizer and fungicide. Has a beneficial effect in freeing the soil from slugs, grubs and cut worms.

Sacks, each containing 112 pounds \$4.00.

**Thompson's Special Chrysanthemum and Top Dressing Manure**  
An excellent stimulant. 7 lb. bag, \$1.50; 14 lb. bag, \$2.50; 28 lb. bag \$4.00; 56 lb. bag, \$7.00.

**Bowker's Ammoniated Food for Flowers** Directions for use inside each package. A complete fertilizer for palms, ferns, and blooming plants. Four-ounce package, containing sufficient food for thirty plants for three months, 25 cents, mail prepaid; 12-ounce package, containing sufficient food for 30 plants for one year, 40 cents, mail prepaid.

## MISCELLANEOUS SUPPLIES

**Bellows.** For applying dry insecticides. Hand-made throughout from seasoned wood and best quality sheepskin. Eight-inch, \$2.00; 12 in., \$2.50. Charges not prepaid.

**Dibbles.** Used in transplanting, steel point. Each, 60 cents, postpaid;

**Grass Shears.** Best quality steel. \$1.00, postage paid.

**Grafting Wax.**  $\frac{1}{4}$  lb., 15 cents;  $\frac{1}{2}$  lb., 25 cents; 1 lb., 40 cents, postpaid.

**Garden Trowels.** Solid steel, best grade only, 50 cents, postpaid.

**Knives.**

**Pruning.** No. 801—1 blade, folding, cocoa handle. . . . . \$ .75

" No. 924—1 blade, folding, stag handle. . . . . 1.25

**Budding.** No. 915—1 blade, folding, ivory handle. . . . . 1.50

" No. 977—1 blade, folding, ivory handle, sheep's foot blade. . . 1.50

At above prices we prepay postage.

**Labels.** Wooden; painted. Charges not prepaid.

4 inch, pot, per 1000 . . . . . .90 6 inch, pot, per 1000 . . . . . \$1.50

4½ inch, pot, per 1000 . . . . . 1.00 8 inch, pot, per 1000 . . . . . 4.00

5 inch, pot, per 1000 . . . . . 1.25

**Nitragin.** See page 47.

**Potting Soil.** Especially prepared and sifted, per bushel, 75 cents bbl., \$1.75; charges not prepaid.

In these days of up-to-date, profitable farming, quality in

## INSECTICIDES

Liquids and Poisonous Powders cannot be sent by mail

**Black-Leaf 40 (Liquid).** A highly concentrated solution of Tobacco. Recommended by Experiment Stations for black Aphids and sucking insects of all kinds. Spraying directions on each package. 1 oz., 25 cents;  $\frac{1}{2}$  lb., 75 cents; 2 lbs., \$2.50; 10 lbs., \$10.75. Makes 3 to 6 gallons of spray.

**Bordeaux Mixture. (Liquid).** For fungous diseases. Directions for using on can. Pint, 35 cts.; quart, 60 cts.; gal., \$1.75; charges not prepaid.

**Bug Death.** For potato bugs and blight; contains no arsenic; does not wash off. 1-lb. package, 15 cents; 3-lb. package, 35 cents; 5-lb. package, 50 cents; 12½-lb. package, \$1.00; 100-lb. keg, \$7.50; charges not prepaid.

**Dickey's Duster.** For applying not only Bug Death but any other insecticide in powdered form, 25 cents each; charges not prepaid.

**Dalmatian Insect Powder.** The true "Persian" insect powder;  $\frac{1}{4}$  lb., 25 cents; charges paid.

**Hellebore.** Pure and fresh; used largely for currant worms, etc.  $\frac{1}{4}$  lb., 25 cents; 1 lb., 40 cents; charges not prepaid.

**Kerosene Emulsion.** For scale insects, aphids, etc. Pint 30 cents; quart, 50 cents; gal., \$1.25; charges not prepaid.

**Lime Sulphur Solution** will destroy San Jose Scale, Oyster Shell Bark Louse, Scurfy Scale and all other sucking insects, such as Spiders, Lice, Aphides of all kinds, at the same time Fungus spores of Apple Scab, Peach Rot, Leaf Spot, etc., if applied in the fall immediately after the leaves drop, or in the spring before the buds open. Use in proportions 1 gal. to 40 gals. water. Quart, 35 cents; gal., 80 cents; 5 gals., \$3.00; 10 gals., \$5.00; charges not prepaid.

**Nicofume Paper.** A tobacco-paper insecticide for fumigating only. Prices: small sizes (24 sheets), 85 cents; medium size (144 sheets), \$4.00; large size (288 sheets), \$7.50; charges not prepaid.

**Nicofume Liquid,**  $\frac{1}{4}$  lb., 50 cents; 1 lb., \$1.50; 4 lbs., \$5.50; 8 lbs., \$10.50; charges not prepaid.

**Nicoticide. (Liquid).** Can be used either for fumigating or spraying;  $\frac{1}{4}$  pint 70 cents;  $\frac{1}{2}$  pint \$1.25; pint \$2.50; quart, \$4.50;  $\frac{1}{2}$  gallon \$8.50; 1 gal., \$15.00; charges not prepaid. Lamps, complete, 50 cts, postpaid.

**Nikoteen.** Thirty per cent. strength, for spraying. Strongest, purest and economical. Death to Aphids or Green Fly, Red Spider, Mealy Bug, Thrip and many other forms of Flower, Fruit and Vegetable Pests. 1½ oz. bottle .40;  $\frac{1}{2}$  lb. bot. 85 cents; 1 lb. bot, \$1.50; 4 lb. bot. \$5.00; 8 lb. bot. \$10.00

**Scalecide.** Used for the destruction of the San Jose Scale. Dilute at the rate of one gallon Scalecide to 20 gallons of water. Quart, 50 cents; gallon, \$1.25; 5 gals. \$4.00. Charges not prepaid.

**Slug Shot.** Non-poisonous powder for Potato Bugs, Cabbage Lice and Worms, Currant Worms, etc. 1 lb. 15 cents; 5 lbs. 50 cents; 10 lbs., 85 cts.

**Sulpho-Tobacco Soap.** Used as a wash for roses, trees, and house plants. Very effective for insects on animals. 3-oz. cake, 15 cents; 8-oz. cake, 35 cents; postage paid.

**Tobacco Dust (The Black Stuff).** Per lb., 10 cents.

**Vick's Excelsior Insect Exterminator.** Will destroy Striped Bugs, Cabbage Lice, Green Cabbage Worms, Potato Bugs, Aphids, Squash Bugs, Cockroaches, etc.; 50 cents per pound, by mail. In lots of five pound or over, 35 cents per pound by express at expense of the purchaser. Best applied by means of the bellows we have constructed for that purpose. Eight-inch Bellows, \$1.50. Twelve-inch Bellows, \$1.75; charges not prepaid. For use in conservatories and for house plants we offer a small zinc Bellows, in two sizes. No. 1, with one ounce of Exterminator, 30 cents, postage paid. No. 2, with four ounces of Exterminator, 50 cents, postage paid.

**Whale Oil Soap.** Used as a wash for roses, trees, and plants affected with insects;  $\frac{1}{2}$  lb. box, 25 cents; 1 lb. box, 40 cents; postage paid. Special price on large quantities.

**Pruning Shears** Charges not prepaid: 10-inch Wiss, genuine, \$2.50; 9-inch Wiss, genuine, \$2.25.

**Sprinklers. Trian.** Rubber, made with a perforated detachable top, valuable for window gardening, bouquet sprinkling, dampening clothes, etc.; postpaid.

6-ounce size, straight neck . . . . . \$0 75

6-ounce size, bent neck . . . . . 85

8-ounce size, straight neck . . . . . 90

8-ounce size, bent neck . . . . . 1 10

**Hand Weeders.** Claw, 25 cents; Hazeltine, 35 cents; Lang, one of the best 30 cents; postage paid.

## BASKET MAKING MATERIAL

**Raffia.** The inner skin of a palm found in Madagascar. Raffia is very strong and tough, but soft and flexible, which facts make it the only practical article for weaving into fancy baskets, boxes and mats. In its natural color it is a light straw, but for basket work various colors are used; our list is complete and embraces the following:

No. 3—Indian Red	No. 14—Sage Green	No. 8—Pink
No. 12—Light Orange	No. 17—Emerald Green	No. 10—Brown
No. 5—Yellow	No. 6—Dark Navy	No. 9—Black
No. 16—Bright Yellow	No. 7—Red	No. 13—Bright Green
—Christmas Red		

	OUNCE	$\frac{1}{4}$ LB.	POUND
Raffia—Colored . . . . .	See colors above . . . . .	\$0 10	\$0 30
Raffia—Natural . . . . .		10	15
			40

Samples of Raffia on application.

seeds is absolutely necessary. Be sure you get the best



# SPRAYING OUTFITS FOR GENERAL USE

By Express or Freight at the Expense of Purchaser

## AUTO-SPRAY No. 40

We offer this machine as the best all-around size and equipment, in lever handle high pressure pumps, for small orchards and general work. It can be carried about, by the handles or mounted on a wheel-barrow.

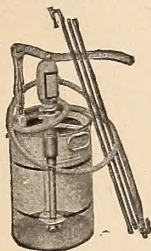
Each machine securely crated, and complete with eight feet of high-grade hose, eight feet of extension, stop cock and Vermorel nozzle. Shipping weight, 45 lbs.; net weight, 33 lbs.

Auto-Spray No. 40-A. Brass tank; capacity, eight gallons. . . . . \$15.00

Auto-Spray No. 40-B. Galvanized tank; capacity, eight gallons. . . . . 12.00

Auto-Spray No. 40-C. Brass tank, mounted on a 20-inch one-wheel truck; capacity, 12 gallons. . . . . 20.00

Auto-Spray No. 40-D. Galvanized tank; mounted on a 20-inch one-wheel truck; capacity, 12 gallons. . . . . 16.00



## A Handy Weed Killer for the Lawn

This Weed Killer does away with the old fashioned back-breaking method of digging up dandelions and weeds of all kinds by hand.

An amount of weed-killing solution is dropped on the root, then by turning the tool, the top of the plant is cut off. Erado has two knives so placed that the top of the plant is cut off by only one-half turn of the tool. Weed killers that have only one knife necessitate a complete turn that makes it necessary to change the grip on the handle of the tool because a person's wrist will not allow the implement to be turned completely around without changing the hand.

It is a simple matter to refill Erado. Remove the handle by a half turn. The solution is then put in the tube and the handle is easily replaced. Erado is then ready for work. Push the plunger into the center of the plant. The solution is automatically allowed to run down on to the roots of the plant. Then give Erado a quick half turn and the top of the plant is cut off. A weed treated in this manner can never spring up again. The roots as well as the top of the plant are destroyed.

A—Galvanized Iron cylinder, brass tip, iron handle. . . . . \$1.00

D—Solid brass with iron handle. . . . . 1.50

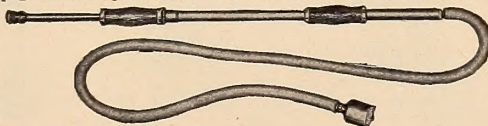
### SOLUTIONS TO BE USED

For killing dandelions and most ordinary weeds gasoline or salt solution can be used to advantage. One pound of salt should be used to one quart of water.

For killing pig-weed, rag-weed and quack-grass use a solution of iron sulphate.

## AUTO-SPRAY No. 5—An Ideal Hand Sprayer for All Purposes

This pump is the ideal all-purpose hand sprayer. Its field is practically unlimited, as it may be used for spraying trees, vines, garden truck, potatoes and any field crops, and for handling whitewash and disinfectants. It is made entirely of brass, doing away with all danger of corrosion. The pump is double acting. This feature makes the spray continuous. The pump cylinder is small in diameter, and for that reason the operator can generate a high pressure with little labor. In an actual test this pump generated a pressure of 180 pounds per square inch, with ordinary effort. The pump itself is so constructed that it can be taken apart instantly. To take the pump apart it is only necessary to unscrew the packing gland. The plunger complete can then be pulled out of the pump cylinder. The valves are arranged so that they both can be easily gotten at in case they should become



clogged. Both the ball valves are positive in their action, so that the pump can be used for spraying either up or down. The nozzles were designed especially for use with this pump. With these nozzles the operator is able to get any variety of spray necessary; either solid stream for washing windows or carriages, or for fighting fires; a long distance spray for trees, and a fine spray for all work near at hand, such as garden truck, bushes and potatoes. This nozzle will also handle whitewash.

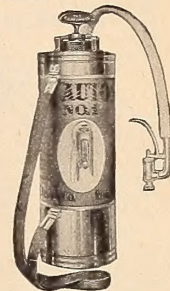
The Auto-Spray No. 5 excels all other pumps in durability and simplicity. Because it is double acting it will do the same spraying that other pumps do, and with half the labor.

Pump, Hose and Strainer. . . . . \$4.50  
Extra Extension complete. . . . . .50

## AUTO-SPRAY No. 1

Capacity Four Gallons of Solution

The Auto-Spray No. 1 is the best compressed air sprayer made. Strongly built and guaranteed to be satisfactory and without defect. Will handle all solutions including whitewash, and can be used in all kinds of work. Tank of heavy brass or galvanized steel. Seamless brass pump 2 inches in diameter. The pump is locked air tight to the tank by means of a simple sliding cam. This locking device is superior to that on any other sprayer. There are no screw connections to wear out and become leaky. All parts are instantly accessible and easily replaced. Each machine equipped with 2 feet of 1/2-inch hose, nozzle for fine spray, cap for solid stream and either stop-cock or our patented self-cleaning shut-off ("auto-pop") as ordered.



Auto-Spray No. 1-A—Brass tank with stop-cock. . . . . \$8.00  
Auto-Spray No. 1-B—Brass tank with auto-pop. . . . . 8.50  
Auto-Spray No. 1-C—Galvanized tank with stop-cock. . . . . 5.00  
Auto-Spray No. 1-D—Galvanized tank with auto-pop. . . . . 5.50  
Extension, Pipe, Solid Brass, 2 feet length. . . . . .60  
Extension Pipe, Galvanized, 2 feet length. . . . . .40  
Elbow Extension, Solid Brass. . . . . .30  
Strainer Solid Brass. . . . . 1.00

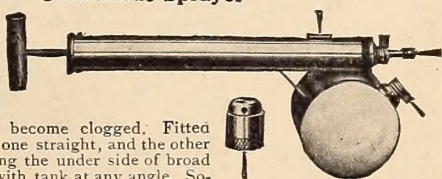
## AUTO-SPRAY No. 37

Continuous Sprayer

Compact design.

Will handle all solutions. The entire front is removable by unscrewing the front cap, permitting the syphon tube to be withdrawn should it become clogged. Fitted with two spray caps, one straight, and the other at an angle for reaching the under side of broad leaves. Will spray with tank at any angle. Solution does not come in contact with pump cylinder.

Auto-Spray No. 37-A—One quart, all tin. . . . . \$ .80  
Auto-Spray No. 37-B—One quart, Tin pump, Galvanized tank. . . . . .90  
Auto-Spray No. 37-C—One quart, Tin pump, Brass tank. . . . . 1.25  
Auto-Spray No. 37-D—One-half gallon, Tin pump, Galvanized tank. . . . . 1.20  
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